

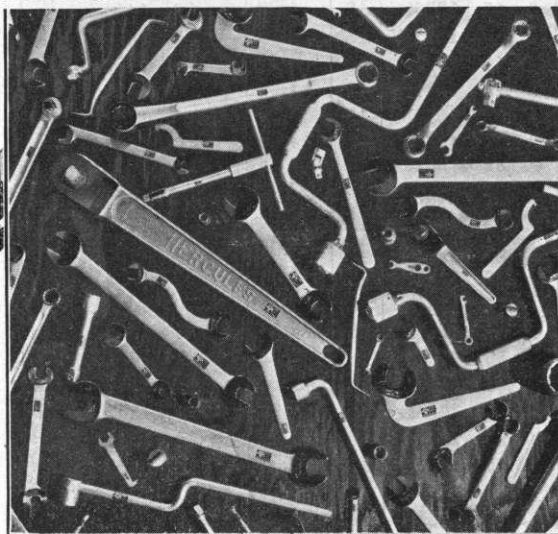
CATALOG No.32



BONNEY



WRENCHES



*There is a
BONNEY Wrench
for every purpose*

**BONNEY
FORGE and TOOL WORKS**

Main Office...Allentown, Pa.

NUMERICAL PRICE LIST

Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price
Chrome-Vanadium				1035	7	\$1.90	\$1.30	1252	13	1.50	1.00	1533	18	1.50	1.00
309S	31	\$1.80	\$1.20	1036	7	2.65	1.75	1256	13	1.85	1.25	1534	18	1.80	1.20
401	11	.85	.55	1037	7	2.65	1.75	1258	13	1.85	1.25	1535	18	1.80	1.20
401A	11	.85	.55	1038	7	4.15	2.75	1260	13	1.85	1.25	1536	18	2.25	1.50
402	11	.85	.55	1039	7	4.15	2.75	1262	13	1.85	1.25	1537	18	2.25	1.50
402A	11	.85	.55	1040	7	4.15	2.75	1264	13	1.85	1.25	1538	18	2.80	1.85
403	11	.85	.55	1041	7	7.50	5.00	1264S	13	1.85	1.25	1539	18	2.80	1.85
403A	11	.85	.55	1070	18	.60	.40	1266	13	1.85	1.25	1540	18	3.60	2.40
404	11	.95	.65	1071	18	.80	.55	1268	13	1.85	1.25	1541	18	3.60	2.40
404A	11	.95	.65	1072	18	1.10	.75	1272	13	1.85	1.25	1700	18	.40	.25
405	11	.95	.65	1073	18	1.45	.95	1272S	13	1.85	1.25	1700S	30	.70	.45
406	11	1.05	.70	1075	18	.80	.55	1276	13	1.85	1.25	1701	18	.45	.30
406A	11	1.05	.70	1075A	18	.80	.55	1401	19	1.10	.75	1702	18	.60	.40
407	11	1.05	.70	1075B	18	.80	.55	1401A	19	1.10	.75	1703	18	.70	.50
407A	11	1.05	.70	1075C	18	.80	.55	1402	19	1.10	.75	1704	18	.90	.60
408	11	1.20	.80	1077	18	1.00	.65	1402A	19	1.10	.75	1705	18	1.05	.70
408A	11	1.20	.80	1077A	18	1.00	.65	1403	19	1.10	.75	1706	18	1.20	.80
408B	31	1.20	.80	1077B	18	1.00	.65	1403A	19	1.10	.75	1707	18	1.60	1.05
409	11	1.20	.80	1077C	18	1.00	.65	1404	19	1.40	.95	1708A	18	2.10	1.40
420A	9	.85	.55	1077S	18	1.00	.65	1404A	19	1.40	.95	1709	18	3.20	2.15
420	9	.85	.55	1079	18	1.20	.80	1405	19	1.40	.95	1721	7	.50	.35
422	9	.85	.55	1079A	18	1.20	.80	1406	19	1.40	.95	1722	7	.50	.35
424	9	.95	.65	1079B	18	1.20	.80	1450	19	1.25	.85	1723	7	.50	.35
424A	9	.95	.65	1079C	18	1.20	.80	1450A	19	1.25	.85	1723A	7	.60	.40
424B	9	.95	.65	1079D	18	1.20	.80	1451	19	1.25	.85	1724	7	.70	.45
425	9	1.05	.70	1079E	18	1.20	.80	1451A	19	1.25	.85	1725	7	.70	.45
426	9	1.05	.70	1079F	18	1.20	.80	1452	19	1.65	1.10	1725A	7	.70	.45
428	9	1.20	.80	1079S	18	1.20	.80	1452A	19	1.65	1.10	1725B	7	.70	.45
1000	18	.40	.25	1081	18	1.50	1.00	1453	19	1.65	1.10	1726	7	.85	.55
1000A	18	.40	.25	1081A	18	1.50	1.00	1453A	19	1.65	1.10	1727	7	.85	.55
1001	18	.45	.30	1081B	18	1.50	1.00	1454	19	2.25	1.50	1728	7	1.05	.70
1002	18	.60	.40	1081C	18	1.50	1.00	1454A	19	2.25	1.50	1729	7	1.05	.70
1003	18	.70	.50	1081D	18	1.50	1.00	1455	19	3.10	2.10	1730	7	1.05	.70
1004	18	.90	.60	1081E	18	1.50	1.00	1455A	19	3.10	2.10	1731	7	1.40	.95
1005	18	1.05	.70	1083A	18	1.95	1.30	1456	19	4.15	2.80	1731A	7	1.40	.95
1006	18	1.20	.80	1083B	18	1.95	1.30	1456A	19	4.15	2.80	1731AL	16	3.75	2.50
1007	18	1.60	1.05	1083C	18	1.95	1.30	1457	19	5.85	3.90	1731B	7	1.40	.95
1008	18	2.10	1.40	1083D	18	1.95	1.30	1501	19	1.70	1.15	1732	7	1.40	.95
1009	18	3.20	2.15	1083E	18	1.95	1.30	1501A	19	1.70	1.15	1732A	7	1.40	.95
1010	18	4.50	3.00	1083F	18	1.95	1.30	1502	19	1.70	1.15	1733	7	1.90	1.30
1011	18	5.80	3.85	1085	18	2.75	1.85	1502A	19	1.70	1.15	1734	7	1.90	1.30
1012	18	8.00	5.35	1085A	18	2.75	1.85	1503	19	1.70	1.15	1735	7	2.65	1.75
1020	7	.45	.30	1085B	18	2.75	1.85	1503A	19	1.70	1.15	1735L	16	5.00	3.35
1021	7	.50	.35	1085C	18	2.75	1.85	1504	19	1.90	1.30	1736	7	2.65	1.75
1022	7	.60	.40	1124	30	.85	.55	1505	19	1.90	1.30	1737	7	2.65	1.75
1023	7	.60	.40	1224	13	1.35	.90	1506	19	2.05	1.40	1738	7	4.15	2.75
1024	7	.70	.45	1224A	13	1.35	.90	1506A	19	2.05	1.40	1739	7	4.15	2.75
1025	7	.70	.45	1226	13	1.35	.90	1507	19	2.05	1.40	1739A	7	4.15	2.75
1026	7	.85	.55	1228	13	1.35	.90	1507A	19	2.05	1.40	1739B	7	4.15	2.75
1027	7	.85	.55	1230	13	1.35	.90	1508	19	2.20	1.50	1903	19	1.45	1.00
1027C	7	.85	.55	1232	13	1.35	.90	1508A	19	2.20	1.50	1904	19	1.45	1.00
1028	7	1.05	.70	1232A	13	1.35	.90	1509	19	2.20	1.50	1905	19	1.95	1.30
1028S	7	1.05	.70	1234	13	1.35	.90	1509A	19	2.20	1.50	1906	19	1.95	1.30
1029	7	1.05	.70	1236	13	1.35	.90	1523	18	.55	.35	1907	19	2.75	1.85
1030	7	1.05	.70	1236S	13	1.35	.90	1524	18	.65	.45	1908	19	3.75	2.50
1031	7	1.40	.95	1236X	13	1.35	.90	1525	18	.65	.45	1909	19	5.00	3.35
1032	7	1.40	.95	1238	13	1.35	.90	1526	18	.80	.55	1910	19	7.00	4.65
1033	7	1.40	.95	1240	13	1.35	.90	1527	18	.80	.55	1932	19	2.30	1.55
1033A	7	1.40	.95	1242	13	1.50	1.00	1528	18	1.00	.65	1934	19	2.30	1.55
1033C	7	1.90	1.30	1244	13	1.50	1.00	1529	18	1.00	.65	1936	19	2.30	1.55
1034	7	1.90	1.30	1246	13	1.50	1.00	1530	18	1.20	.80	1940	19	2.30	1.55
1034A	7	1.90	1.30	1248	13	1.50	1.00	1531	18	1.20	.80	1944	19	2.30	1.55
1034AL	16	5.00	3.35	1250	13	1.50	1.00	1532	18	1.50	1.00	1946	19	2.70	1.80

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1948	19	\$2.70	\$1.80	2408	29	\$2.35	\$1.60	2731B	12	\$1.40	\$.95	3034A	5	\$2.25	\$1.50
1952	19	2.70	1.80	2409	29	2.35	1.60	2732	12	1.40	.95	3035	5	2.25	1.50
1956	19	2.90	1.95	2410	29	2.35	1.60	2732A	12	1.40	.95	3420	6	1.10	.75
1958	19	2.90	1.95	2420	15	.60	.40	2804	20	1.60	.95	3420A	6	1.10	.75
1960	19	2.90	1.95	2422	15	.60	.40	2804A	20	1.60	.95	3422	6	1.10	.75
1964	19	2.90	1.95	2424	15	.60	.40	2804L	20	2.00	1.20	3424	6	1.25	.85
1966	19	2.90	1.95	2426	15	.60	.40	2805	20	1.70	1.00	3424A	6	1.25	.85
1970	19	2.90	1.95	2503	29	2.65	1.75	2805L	20	2.15	1.30	3424B	6	1.25	.85
2021	12	.50	.35	2505	29	2.65	1.75	2806	20	1.90	1.15	3425	6	1.40	.95
2022	12	.60	.40	2525	14	1.25	.85	2806L	20	2.25	1.35	3426	6	1.40	.95
2023	12	.60	.40	2526	16	1.40	.95	2807	20	2.35	1.40	3428	6	1.60	1.05
2024	12	.70	.45	2526A	16	1.40	.95	2808	20	2.75	1.65	3721	5	.70	.45
2025	12	.70	.45	2526B	16	1.40	.95	2809	20	3.00	1.80	3723	5	.75	.50
2026	12	.85	.55	2530	14	1.25	.85	2810	20	3.55	2.15	3723A	5	.75	.50
2027	12	.85	.55	2534	16	.90	.60	2810A	20	3.55	2.15	3725	5	.90	.60
2027C	12	.85	.55	2535	16	1.40	.95	2811	20	3.85	2.30	3725B	5	.90	.60
2028	12	1.05	.70	2535A	16	1.40	.95	2811A	20	3.85	2.30	3727	5	1.05	.70
2028S	12	1.05	.70	2536	16	1.25	.85	2811B	20	3.85	2.30	3729	5	1.35	.90
2029	12	1.05	.70	2537	16	1.40	.95	2811C	20	3.85	2.30	3731	5	1.80	1.20
2030	12	1.05	.70	2538	16	1.40	.95	2812	20	5.00	3.00	3731A	5	1.80	1.20
2031	12	1.40	.95	2539	16	1.80	1.20	2812A	20	5.00	3.00	3733	5	2.25	1.50
2032	12	1.40	.95	2539A	16	1.80	1.20	2814	20	1.75	1.05	Chrome-Vanadium			
2033	12	1.40	.95	2540	14	2.80	1.85	2816	20	1.90	1.15	4001	26	\$.85	\$.60
2033A	12	1.40	.95	2541	16	2.40	1.60	2818	20	2.00	1.20	4002	26	1.15	.80
2101	29	1.25	.85	2544	14	3.00	2.00	2820	20	2.15	1.30	4003	26	.80	.55
2102	29	1.25	.85	2545	14	.90	.60	2822	20	2.25	1.35	4004	26	.80	.55
2103	29	1.25	.85	2546	30	2.75	1.85	2824	20	2.40	1.45	4014	22	.60	.40
2104	29	1.25	.85	2547	30	2.75	1.85	2825	20	2.55	1.55	4016	22	.60	.40
2105	29	1.25	.85	2548	30	2.75	1.85	2826	20	2.55	1.55	4018	22	.60	.40
2105A	14	1.25	.85	2549	14	2.00	1.35	2828	20	2.85	1.70	4019	22	.60	.40
2106	29	1.25	.85	2552	14	1.80	1.20	2830	20	3.05	1.85	4020	22	.60	.40
2107	29	1.25	.85	2552A	14	1.80	1.20	2840	14	2.80	1.85	4021	22	.60	.40
2108	29	1.50	1.00	2553	15	3.60	2.35	2843	30	1.95	1.30	4022	22	.60	.40
2109	29	1.50	1.00	2554	30	2.25	1.50	2844	14	2.00	1.35	4024	22	.75	.50
2110	29	1.50	1.00	2554A	30	2.25	1.50	2845	14	1.90	1.30	4025	22	.75	.50
2201	29	1.45	.95	2555	30	2.00	1.35	2847	30	1.80	1.20	4026	22	.75	.50
2202	29	1.45	.95	2558	31	2.25	1.50	2849	30	2.15	1.45	4028	22	.75	.50
2203	29	1.45	.95	2561	16	1.80	1.20	2850	31	1.80	1.20	4030	22	.90	.60
2204	29	1.45	.95	2566	16	.70	.45	2851	31	2.80	1.85	4031	22	.90	.60
2205	29	1.45	.95	2568	15	1.95	1.30	2854	14	1.85	1.25	4032	22	.90	.60
2206	29	1.45	.95	2569	15	2.25	1.50	2855	30	2.15	1.45	4081	22	1.80	1.20
2207	29	1.45	.95	2569A	15	2.25	1.50	2857	16	2.15	1.40	4082	22	1.50	1.00
2208	29	1.80	1.20	2570	15	2.20	1.45	2858	14	2.00	1.35	4084	22	2.00	1.35
2209	29	1.80	1.20	2572	17	1.60	1.00	2862	16	4.25	2.85	4085	22	2.25	1.50
2210	29	1.80	1.20	2573	15	1.90	1.30	2866	26	.80	.50	4087	22	1.65	1.10
2270A	29	2.95	1.95	2576	15	.70	.45	2868	26	.90	.60	4090	22	.90	.60
2270D	29	2.95	1.95	2581	16	2.00	1.35	2870	26	1.00	.65	4091	22	1.80	1.20
2270S	29	2.95	1.95	2583	16	3.40	2.25	2872	26	1.10	.70	4092	22	.45	.30
2271A	29	3.40	2.25	2721	12	.50	.35	2874	26	1.20	.80	4093	22	4.00	2.70
2271D	29	3.40	2.25	2722	12	.50	.35	2880	15	2.15	1.45	4094	22	.60	.40
2273A	29	4.50	3.00	2723	12	.50	.35	ZENEL				4095	22	2.25	1.50
2274D	29	5.00	3.35	2723A	12	.60	.40	3021	5	.70	.45	4096	22	3.40	2.25
2275A	29	5.65	3.75	2724	12	.70	.45	3023	5	.75	.50	4096A	22	3.15	2.10
2275D	29	5.65	3.75	2725	12	.70	.45	3025	5	.90	.60	4112	22	.60	.40
2276A	29	6.50	4.35	2725A	12	.70	.45	3027	5	1.05	.70	4114	22	.60	.40
2277A	29	7.30	4.90	2725B	12	.70	.45	3027C	5	1.05	.70	4116	22	.70	.45
2401	29	2.10	1.40	2726	12	.85	.55	3028S	5	1.35	.90	4118	22	.70	.45
2402	29	2.10	1.40	2727	12	.85	.55	3029	5	1.35	.90	4120	22	.75	.50
2403	29	2.10	1.40	2728	12	1.05	.70	3031	5	1.80	1.20	4122	22	.75	.50
2404	29	2.10	1.40	2729	12	1.05	.70	3033	5	1.80	1.20	4124	22	.90	.60
2405	29	2.10	1.40	2730	12	1.05	.70	3033A	5	1.80	1.20	4128	22	.90	.60
2406	29	2.10	1.40	2731	12	1.40	.95	3033C	5	2.25	1.50	4132	22	1.05	.70
2407	29	2.10	1.40	2731A	12	1.40	.95	3034	5	2.25	1.50	4201	26	1.15	.80

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4202	26	\$ 1.25	\$.85	7945	31	\$2.25	\$1.50	LD16	25	\$.95	\$.65	Z-25-CB	5	8.05	4.85
4203	26	1.35	.90	8385	15	3.40	2.25	LD18	25	.95	.65	Z-25-LR	5	8.95	5.40
4204	26	1.15	.80	8386	15	2.25	1.50	LD20	25	1.05	.70	29-CB	21	5.20	3.10
4205	26	1.25	.85	A14	22	.75	.50	LD22	25	1.05	.70	29-LR	21	5.70	3.40
4228	28	1.05	.70	A16	22	.75	.50	LD24	25	1.05	.70	31-CB	21	12.45	7.50
4230	28	1.10	.75	A18	22	.75	.50	LD25	25	1.05	.70	31-LR	21	13.30	8.00
4231	28	1.10	.75	A19	22	.75	.50	LD26T	25	1.05	.70	33-CB	21	20.90	12.60
4232	28	1.25	.85	A20	22	.75	.50	LD28	25	1.05	.70	33-MB	21	23.15	13.95
4234	28	1.25	.85	A22	22	.75	.50	LD28T	25	1.05	.70	34-CB	21	26.10	15.70
4236	28	1.40	.95	A24	22	.90	.60	LD30	25	1.15	.80	34-MB	21	28.35	17.05
4238	28	1.50	1.00	A25	22	.90	.60	LD32	25	1.25	.85	37-CB	16	27.20	16.30
4240	28	1.50	1.00	A26	22	.90	.60	LD32T	25	1.25	.85	37-LR	16	29.10	17.45
4242	28	1.70	1.15	A28	22	.90	.60	LD36	25	1.40	.95	38-CB	16	16.55	9.95
4244	28	1.70	1.15	A30	22	1.05	.70	P10	25	.60	.40	38-LR	16	17.75	10.65
4246	28	2.00	1.30	A31	22	1.05	.70	P12	25	.60	.40	40-CB	12	4.50	2.70
4248	28	2.00	1.30	A32	22	1.05	.70	P14	25	.60	.40	40-LR	12	5.30	3.20
4252	28	2.25	1.50	D14	22	.60	.40	P16	25	.65	.45	77	17	12.30	7.40
4254	28	2.80	1.85	D16	22	.60	.40	P18	25	.65	.45	412-CB	11	7.20	4.30
4256	28	2.80	1.85	D18	22	.60	.40	P20	25	.65	.45	412-LR	11	8.00	4.80
4258	28	3.40	2.25	D19	22	.60	.40	P22	25	.75	.50	412-MB	11	8.00	4.80
4260	28	3.70	2.45	D20	22	.60	.40	P24	25	.75	.50	A1	24	11.25	6.75
4264	28	4.00	2.70	D21	22	.60	.40	T2	27	1.25	.85	A2-CB	24	14.65	8.80
4266	28	4.00	2.70	D22	22	.60	.40	T3	27	2.05	1.35	A2-MB	24	16.35	9.80
4268	28	5.00	3.35	D24	22	.75	.50	T4	27	.90	.60	D2-CB	23	12.40	7.45
4270	28	5.00	3.35	D25	22	.75	.50	T5	27	1.25	.85	D2-MB	23	14.10	8.45
4272	28	5.00	3.35	D26	22	.75	.50	T6	27	1.80	1.20	G	23	7.50	4.50
4284	28	5.60	3.75	D28	22	.75	.50	T7	27	1.00	.65	H-MB	28	36.00	21.60
4287	28	3.25	2.15	D30	22	.90	.60	T8	27	1.05	.70	HD-MB	28	36.00	21.60
4290	28	1.80	1.20	D31	22	.90	.60	T9	27	1.70	1.15	K-MB	25	17.70	10.65
4291	28	2.40	1.60	D32	22	.90	.60	T10	27	.60	.40	LD	25	4.85	3.30
4293	28	10.00	6.65	D34	22	1.05	.70	T12	27	.60	.40	MC	24	106.15	63.70
4294	28	1.10	.75	D36	22	1.10	.75	T14	27	.60	.40	R	23	29.50	17.70
4295	28	6.80	4.55	D40	22	1.20	.80	T16	27	.60	.40	RD	23	29.50	17.70
4296	26	1.15	.80	E2	17	.45	.30	T18	27	.60	.40	RS	23	31.00	18.60
4297	26	1.15	.80	E3	17	.45	.30	T20	27	.60	.40	TD-MB	27	9.35	5.60
4298	26	1.15	.80	E4	17	.45	.30	T22	27	.70	.45	TD1-MB	27	12.60	7.55
4299	26	1.15	.80	E5	17	.45	.30	T24	27	.70	.45	W	23	22.65	13.60
6062	30	3.25	2.15	E6	17	.75	.50	T27	27	.70	.45	WD	23	22.65	13.60
6602	30	2.25	1.50	E7	17	.60	.40	T28	27	3.25	2.15	WS	23	24.25	14.55
6603	26	1.00	.65	E8	17	.60	.40	T29A	27	.45	.30	Metal Boxes			
6603A	26	1.00	.65	E9	17	.60	.40	T30	27	2.50	1.70	A2		\$1.70	\$1.00
6886	31	1.40	.95	E10	17	.60	.40	T50	15	1.10	.75	D2		1.70	1.00
6947	31	1.35	.90	E11	17	.95	.65	Stillson Wrenches				H		3.00	1.80
7252	31	2.25	1.50	E12	17	.50	.35	6"	17	\$1.15	\$.75	HD		3.00	1.80
7253	31	2.25	1.50	H10	8	.45	.30	8"	17	1.25	.80	K		1.80	1.10
7254	31	2.25	1.50	H12	8	.45	.30	10"	17	1.35	.90	MC		11.25	6.75
7354	30	4.40	2.95	H14	8	.50	.35	12"	17	1.60	1.05	R		4.30	2.60
7356	30	3.95	2.65	H16	8	.50	.35	14"	17	1.90	1.25	RD		4.30	2.60
7357	30	1.45	.95	H18	8	.50	.35	18"	17	2.70	1.80	RS		4.30	2.60
7395	30	2.55	1.70	HD28	28	1.05	.70	24"	17	3.95	2.65	TD		.90	.55
7396	30	2.25	1.50	HD30	28	1.10	.75	36"	17	7.20	4.80	TD1		.90	.55
7397	30	3.40	2.25	HD31	28	1.10	.75	Wrench Sets				W		3.00	1.80
7398	30	5.65	3.75	HD32	28	1.25	.85	1-LR	8	2.65	1.75	WD		3.00	1.80
7399	30	2.80	1.85	HD34	28	1.25	.85	18-CB	17	5.90	3.60	WS		3.00	1.80
7497	15	1.90	1.30	HD36	28	1.40	.95	18-LR	17	6.60	4.00	33		2.25	1.35
7596	30	4.20	2.80	HD38	28	1.50	1.00	20-CB	8	2.40	1.65	34		2.25	1.35
7599	31	1.45	.95	HD40	28	1.50	1.00	20-LR	8	2.80	1.90	412		.80	.50
7750	31	2.80	1.85	HD42	28	1.70	1.15	22-CB	9	5.70	3.40	Leatherette Rolls			
7797	30	3.10	2.05	HD44	28	1.70	1.15	22-LR	9	6.40	3.85	1		.40	.25
7889	31	2.90	1.90	HD46	28	2.00	1.30	Z-22-CB	6	7.50	4.50	18		.60	.40
7941	15	2.25	1.50	HD48	28	2.00	1.30	Z-22-LR	6	8.30	5.00	20		.40	.25
7942	15	1.00	.65	HD50	28	2.25	1.50	25-CB	8	6.40	3.85	22		.70	.45
7944	15	2.25	1.50	HD52	28	2.25	1.50	25-LR	8	7.25	4.35	25		.85	.50
												29		.50	.30
												31		.85	.50
												37		1.90	1.15
												38		1.20	.70
												40		.80	.50
												412		.80	.50
												Z-22		.80	.50
												Z-25		.90	.55

BONNEY ZENEL *Open-End* WRENCHES

ZENEL Engineers' Wrenches

Bonney ZENEL Wrenches are the culmination of years of research and experimentation by Bonney Engineers and Metallurgists to discover a new wrench steel that is the ultimate in toughness, wear resisting properties and strength. This research has resulted in the selection and use of ZENEL, the hardest tough wrench steel on the market today. Bonney ZENEL

Wrenches not only stand up well under exceptionally severe service, but are virtually unbreakable. In fact, they actually outlast two or three wrenches made from ordinary steels.

By taking advantage of the peculiar properties of this new steel, Bonney has been able to redesign the Wrenches themselves. As a result, all ZENEL Wrenches have a handle

section which is concave, and which allows the mechanic to obtain a firm, comfortable grip on the wrench. A reduction in the width of the wrench heads also offers additional advantages.

The Bonney ZENEL Engineers Wrenches listed below have all these features. They are inspected and rigidly tested.



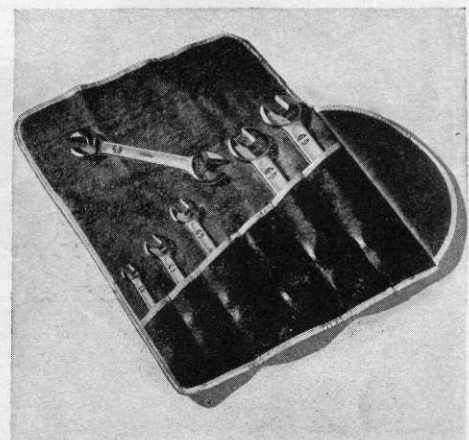
Bonney ZENEL Engineers' Wrench Set No. Z-25

Bonney Engineers' ZENEL Set No. Z-25 contains six Bonney Wrench Engineers' Wrenches. Every opening in these Wrenches is of a different size, and the range of sizes completely covers the requirements of the average mechanic. The wrench numbers are 3723, 3025, 3027C, 3028S, 3731A, 3033C. They fit $\frac{1}{4}$ inch, $\frac{5}{16}$ inch, $\frac{3}{8}$ inch, $\frac{7}{16}$ inch and $\frac{1}{2}$ inch U. S. Standard Nuts, $\frac{1}{4}$ inch, $\frac{5}{16}$ inch, $\frac{3}{8}$ inch, $\frac{7}{16}$ inch, $\frac{1}{2}$ inch, $\frac{5}{8}$ inch and $1\frac{1}{16}$ inch, S. A. E. Nuts, and, $\frac{3}{16}$ inch, $\frac{1}{4}$ inch, $\frac{5}{16}$ inch, $\frac{3}{8}$ inch, $\frac{7}{16}$ inch, $\frac{1}{2}$ inch, $\frac{5}{8}$ inch, $\frac{3}{4}$ inch, Hexagon Cap Screws.

Prices Dealers' Net

In Cardboard Box \$4.85
In Leatherette Roll \$5.40

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Ex- treme Lgth.	Thick- ness of Head	Dealers Net
3721	$\frac{1}{8}$ &	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$4\frac{1}{4}$ } $\frac{3}{16}$	\$0.45	
3021	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{3}{8}$ &	.....	$\frac{5}{16}$ & $1\frac{1}{2}$	$4\frac{1}{4}$ } $\frac{3}{16}$	
3723	$\frac{3}{16}$ & $\frac{1}{4}$	& $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{7}{16}$	$4\frac{3}{4}$ } $\frac{7}{32}$.50	
3723A	& $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	& $\frac{5}{16}$	$\frac{3}{8}$ & $\frac{1}{2}$	$4\frac{3}{4}$ } $\frac{7}{32}$		
3023	$\frac{3}{16}$ & $\frac{1}{4}$	& $\frac{5}{16}$	& $\frac{5}{16}$	$1\frac{1}{2}$ & $\frac{1}{2}$	$4\frac{3}{4}$ } $\frac{7}{32}$		
3725	& $\frac{1}{4}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$5\frac{3}{4}$ } $\frac{1}{4}$.60	
3725B	$\frac{1}{4}$ &	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$5\frac{3}{4}$ } $\frac{1}{4}$		
3025	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{3}{8}$ &	$\frac{5}{16}$ &	$\frac{1}{2}$ & $1\frac{1}{2}$	$5\frac{3}{4}$ } $\frac{1}{4}$		
3727	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	7 } $\frac{9}{32}$.70	
3027	$\frac{3}{16}$ & $\frac{3}{8}$	.....	.....	$1\frac{1}{2}$ & $1\frac{1}{16}$	7 } $\frac{9}{32}$
3027C	& $\frac{3}{8}$	$\frac{3}{8}$ &	$\frac{3}{8}$ &	$\frac{9}{16}$ & $1\frac{1}{16}$	7 } $\frac{9}{32}$		
3028S	& $\frac{7}{16}$	$\frac{7}{16}$ &	$\frac{7}{16}$ &	$\frac{5}{8}$ & $2\frac{5}{16}$	8 } $\frac{5}{16}$.90	
3729	.....	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	8 } $\frac{5}{16}$	
3029	$\frac{3}{8}$ & $\frac{7}{16}$	.....	.....	$1\frac{1}{16}$ & $2\frac{5}{16}$	8 } $\frac{5}{16}$
3731	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ &	$\frac{3}{4}$ & $1\frac{1}{16}$	$9\frac{1}{2}$ } $\frac{3}{8}$	1.20	
3731A	& $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	$9\frac{1}{2}$ } $\frac{3}{8}$		
3031	$\frac{7}{16}$ & $\frac{1}{2}$	& $\frac{3}{8}$	& $\frac{9}{16}$	$2\frac{5}{16}$ & $\frac{7}{8}$	$9\frac{1}{2}$ } $\frac{3}{8}$		
3033A	$\frac{1}{2}$ &	$\frac{5}{8}$ &	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $1\frac{5}{16}$	$9\frac{1}{2}$ } $\frac{3}{8}$		
3033	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$ &	$\frac{9}{16}$ &	$\frac{7}{8}$ & $2\frac{1}{16}$	$9\frac{1}{2}$ } $\frac{3}{8}$		
3733	$\frac{1}{2}$ &	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $1\frac{1}{16}$	$\frac{7}{8}$ & 1	11 } $1\frac{5}{16}$	1.50	
3033C	.....	& $\frac{3}{4}$	$\frac{5}{8}$ & $1\frac{1}{16}$	$1\frac{5}{16}$ & 1	11 } $1\frac{5}{16}$	
3034	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ &	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{7}{8}$ & $1\frac{1}{16}$	11 } $1\frac{5}{16}$		
3034A	& $\frac{5}{8}$	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$1\frac{5}{16}$ & $1\frac{1}{16}$	11 } $1\frac{5}{16}$	
3035	$\frac{5}{16}$ & $\frac{3}{8}$	.....	& $\frac{3}{4}$	$2\frac{1}{16}$ & $1\frac{1}{16}$	11 } $1\frac{5}{16}$	



3420 Series ZENEL Tappet Wrenches

Bonney Tappet Wrenches of the 3420 series are made of ZENEL, the NEW Bonney Wrench steel described on the previous page. The handles of this series of Bonney Wrenches have concave sections which allow the mechanic to take a firm grip on the wrench so that he may easily make accurate adjustments. The handles are long,

ranging from eight inches on the wrenches with the smaller sized openings to 9½ inches on those with the larger sized openings. All these tappet wrenches have their openings at an angle of 15°, and have different sized openings in each end.

Bonney ZENEL Tappet Wrenches are perfectly balanced, are

lighter in weight than ordinary steel wrenches, and have thin, pear-shaped heads. They are thoroughly tested, rigidly inspected, and are Chrome-plated to a high, permanent lustre.

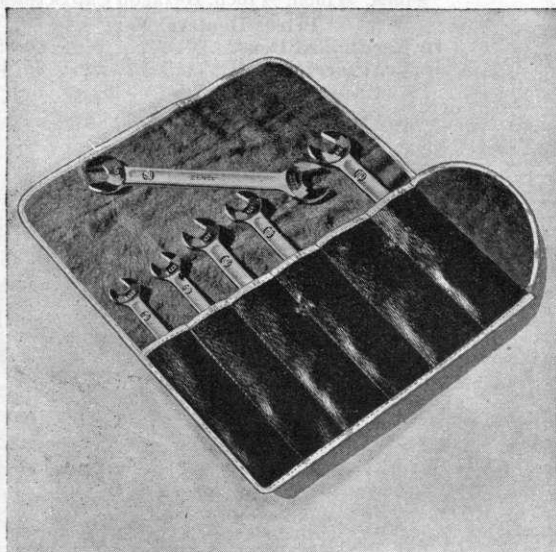
The table below lists the complete 3420 line of Bonney ZENEL Tappet Wrenches.



Table of Sizes and Prices Bonney ZENEL Tappet Wrenches

Wrench No.	Openings Milled	S. A. E. Standard Screw and Nut	U. S. S. Bolt Size	Extreme Length	Thickness of Head	Dealers' Net
3420A	7/16 & 1/2	1/4 & 5/16	& 1/4	8	5/32	\$0.75
3420	7/16 & 17/32	1/4 & 5/16	.....	8	5/32	
3422	1/2 & 9/16	5/16 & 3/8	1/4 &	8	5/32	
3424B	9/16 & 5/8	3/8 & 7/16	.....	8 1/2	3/16	.85
3424	5/8 & 11/16	7/16 & 1/2	& 3/8	8 1/2	3/16	
3424A	5/8 & 3/4	7/16 & 1/2	.....	8 1/2	3/16	
3425	3/4 & 13/16	1/2 & 9/16	.....	9	7/32	.95
3426	3/4 & 7/8	1/2 & 9/16	& 1/2	9	7/32	
3428	13/16 & 1	5/8 & 11/16	.....	9 1/2	7/32	1.05

Bonney ZENEL Tappet Wrench Set No. Z-22



The Bonney Tappet Set No. Z-22 contains six Bonney ZENEL Tappet Wrenches. The Z-22 Tappet Wrench set allows the mechanic to make tappet adjustments on almost every make of car. Refer to Valve Tappet Wrench Chart on page 10. Two each of the following Tappet Wrenches make up the set: Nos. 3422, 3424 and 3426. Their openings are 1/2 inch and 9/16 inch; 5/8 inch and 11/16 inch; 3/4 inch and 7/8 inch respectively.

Price Dealers' Net

In Cardboard Box\$4.50
In Leatherette Roll.....\$5.00

GUARANTEE: Bonney says write your own guarantee for Bonney ZENEL Wrenches.

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome-Vanadium Engineers' Wrenches

Bonney 'CV' Chrome-Vanadium Engineers' Wrenches are thinner, longer and stronger than Carbon Steel Wrenches of the same opening. The use of Chrome-Vanadium Steel allows refinement of design both in the shape and the thickness of the Wrench head. In addition, the thin, pear-shaped head, made possible by the use of this steel, makes the

Bonney 'CV' Line lighter, better balanced and more serviceable. This is especially important where it is necessary to work in confined places and still have exceptional strength in the Wrench. All Bonney 'CV' Engineers' Wrenches are Chrome-plated to a high permanent lustre, are rigidly inspected and carry the Bonney guarantee not to break or spread.

Wr'nch No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Ex-treme Length	Thick-ness of Head	Dealers' Net
1020	$\frac{1}{8}$ & $\frac{1}{8}$	$\frac{1}{8}$ & $\frac{1}{8}$	$\frac{1}{4}$ & $\frac{5}{16}$	3	\$0.30	
1721	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{3}{16}$.35	
1021	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$ & $\frac{3}{16}$	.....	$\frac{5}{16}$ & $\frac{13}{32}$	$\frac{3}{16}$	
1722	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{7}{32}$		
1723	.....	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{7}{32}$	
1022	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{1}{8}$ & $\frac{5}{16}$	$\frac{1}{8}$ & $\frac{5}{16}$	$\frac{5}{16}$ & $\frac{1}{2}$	$\frac{7}{32}$.40	
1023	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{13}{32}$ & $\frac{1}{2}$	$\frac{7}{32}$		
1723A	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{7}{32}$		
1724	.....	$\frac{3}{16}$ & $\frac{3}{8}$	$\frac{3}{16}$ & $\frac{3}{8}$	$\frac{3}{8}$ & $\frac{9}{16}$	$\frac{15}{64}$	
1024	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{13}{32}$ & $\frac{19}{32}$	$\frac{15}{64}$.45	
1725	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{15}{64}$		
1725A	.....	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{15}{64}$	
1725B	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{15}{64}$		
1025	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{19}{32}$	$\frac{15}{64}$.55	
1726	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{9}{32}$		
1026	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{1}{2}$ & $\frac{11}{16}$	$\frac{9}{32}$		
1727	.....	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{32}$	
1027	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{19}{32}$ & $\frac{11}{16}$	$\frac{9}{32}$.70	
1027C	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ & $\frac{11}{16}$	$\frac{9}{32}$		
1028	$\frac{5}{16}$ & $\frac{7}{16}$	.....	.....	$\frac{19}{32}$ & $\frac{25}{32}$	$\frac{5}{16}$
1728	.....	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{5}{16}$	
1028S	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{25}{32}$	$\frac{5}{16}$.95	
1729	.....	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{16}$	
1029	$\frac{3}{8}$ & $\frac{7}{16}$	.....	.....	$\frac{11}{16}$ & $\frac{25}{32}$	$\frac{5}{16}$
1730	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{5}{8}$ & $\frac{13}{16}$	$\frac{5}{16}$		
1030	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{5}{8}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{11}{16}$ & $\frac{7}{8}$	$\frac{5}{16}$	1.30	
1731	.....	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{13}{16}$	9	
1731A	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	9		
1031	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{25}{32}$ & $\frac{7}{8}$	9		
1731B	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{13}{16}$ & $\frac{7}{8}$	9	1.75	
1732	.....	$\frac{1}{2}$ & $\frac{3}{4}$	$\frac{1}{2}$ & $\frac{11}{16}$	$\frac{3}{4}$ & 1	9	
1032	$\frac{7}{16}$ & $\frac{9}{16}$	.....	.....	$\frac{25}{32}$ & $\frac{31}{32}$	9
1732A	.....	$\frac{9}{16}$ & $\frac{3}{4}$	.....	$\frac{13}{16}$ & 1	9
1033A	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{15}{16}$	9	2.75	
1033	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{31}{32}$	9		
1733	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{11}{16}$	$\frac{7}{8}$ & 1	10 1/2		
1033C	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{15}{16}$ & 1	10 1/2	
1034	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{7}{8}$ & $\frac{15}{16}$	10 1/2	5.00	
1734	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{7}{8}$	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{7}{8}$ & 1 1/8	10 1/2		
1034A	$\frac{1}{2}$ & $\frac{5}{8}$	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{15}{16}$ & $\frac{17}{16}$	10 1/2	
1035	$\frac{9}{16}$ & $\frac{5}{8}$	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{31}{32}$ & $\frac{17}{16}$	10 1/2	
1735	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$ & $\frac{7}{8}$	1 & $\frac{1}{8}$	12	1.75	
1036	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{3}{4}$ & 1	$\frac{11}{16}$ & $\frac{7}{8}$	$\frac{31}{32}$ & $\frac{1}{4}$	12		
1736	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{3}{4}$ & 1	$\frac{3}{4}$ & $\frac{7}{8}$	1 & $\frac{1}{4}$	12		
1037	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{3}{4}$ & 1	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$ & $\frac{1}{4}$	12		
1737	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{7}{8}$ & 1	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$ & $\frac{1}{4}$	12	2.75	
1038	$\frac{5}{8}$ & $\frac{7}{8}$	.....	$\frac{3}{4}$ & 1	$\frac{11}{16}$ & $\frac{17}{16}$	14	
1738	.....	$\frac{7}{8}$ & $\frac{11}{8}$	.....	$\frac{11}{16}$ & $\frac{13}{8}$	14
1739	$\frac{3}{4}$ & 1	1 & $\frac{11}{8}$	$\frac{7}{8}$ & 1	$\frac{11}{16}$ & $\frac{13}{8}$	14		
1039	$\frac{3}{4}$ & $\frac{7}{8}$	1 & $\frac{7}{8}$	$\frac{7}{8}$ & 1	$\frac{11}{16}$ & $\frac{17}{16}$	14	5.00	
1739A	$\frac{3}{4}$ & 1	1 & $\frac{11}{4}$	$\frac{7}{8}$ & $\frac{11}{4}$	$\frac{11}{16}$ & $\frac{11}{2}$	14		
1739B	.....	$\frac{11}{8}$ & $\frac{11}{4}$	.....	$\frac{11}{8}$ & $\frac{11}{2}$	14
1040	$\frac{3}{4}$ & 1	1 & $\frac{13}{8}$	$\frac{7}{8}$ & $\frac{11}{8}$	$\frac{11}{16}$ & $\frac{13}{8}$	14		
1041	$\frac{7}{8}$ & 1	$\frac{7}{8}$ & $\frac{13}{8}$	1 & $\frac{11}{8}$	$\frac{11}{16}$ & $\frac{15}{8}$	15 1/2	5.00	

OPENINGS AT 15° ANGLE



Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Engineers' Wrench Sets



Wrench Set No. 25

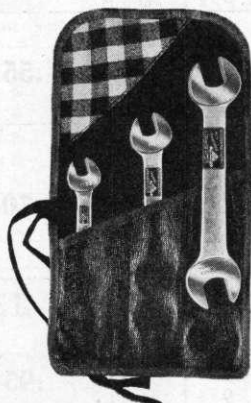
The Bonney 'CV' Chrome-Vanadium Wrench Set No. 25 contains one each of the following 'CV' Engineers' Wrenches: Nos. 1723, 1025, 1027C, 1028S, 1731A and No. 1033C. These Engineers' Wrenches have different openings in each end, and their openings are at an angle of 15°. For use on U.S. Standard Nuts $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ". S.A.E. Nuts $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", and Hexagon Cap Screws $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ".

Prices Dealers' Net

In Cardboard Box.....\$3.85

In Leatherette Roll..... 4.35

Bonney 'CV' Chrome-Vanadium Engineers' Wrenches are correctly designed and are thinner and lighter in weight. Consequently, they find wide use where ordinary wrenches due to their design, thickness and weight, cannot be applied. Bonney 'CV' Wrenches are furthermore guaranteed not to break or spread, and any 'CV' Chrome-Vanadium Wrench which does not stand up to this guarantee will be replaced free of charge.



Wrench Set No. 1

Bonney 'CV' Chrome-Vanadium Wrench Set No. 1 contains three Double-End Engineers' Wrenches for the six most popular S.A.E. Bolts, $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ". Wrench numbers 1723, 1725B, 1729. The set comes packed in a neat leatherette roll.

Price Dealers' Net

In Leatherette Roll.....\$1.75

Miniature Wrench Set No. 20

The Bonney Miniature Wrench Set No. 20 contains five 'CV' Chrome-Vanadium miniature Wrenches with openings from $\frac{3}{16}$ " to $\frac{15}{32}$ ".

The Wrenches are made especially for delicate work around magnetos, timers, electrical parts, oil cleaners, carburetors, etc.

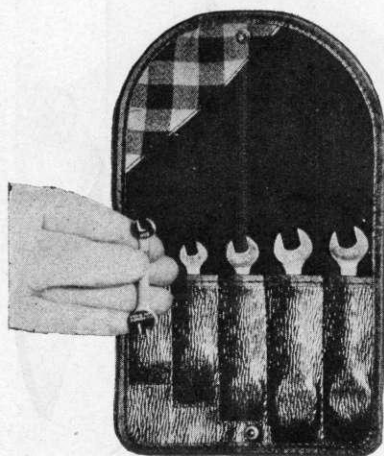
They are made of Chrome-Vanadium Steel and carry the Bonney guarantee not to break or spread.

The No. 20 Set contains one each of the Wrenches listed in the table below.

Wrench No.	Openings Milled	Length	Thickness Heads	Dealers' Net
H-10	$\frac{3}{16}$ & $\frac{7}{32}$	$2\frac{1}{2}$ "	$\frac{3}{32}$	\$0.30
H-12	$\frac{1}{4}$ & $\frac{9}{32}$	3"	$\frac{5}{32}$	.30
H-14	$\frac{5}{16}$ & $\frac{11}{32}$	$3\frac{3}{4}$ "	$\frac{3}{16}$	.35
H-16	$\frac{3}{8}$ & $\frac{7}{16}$	$4\frac{1}{8}$ "	$\frac{7}{32}$	.35
H-18	$\frac{13}{32}$ & $\frac{15}{32}$	$4\frac{1}{8}$ "	$\frac{7}{32}$	.35

In Cardboard Box.....\$1.65

In Leatherette Roll..... 1.90



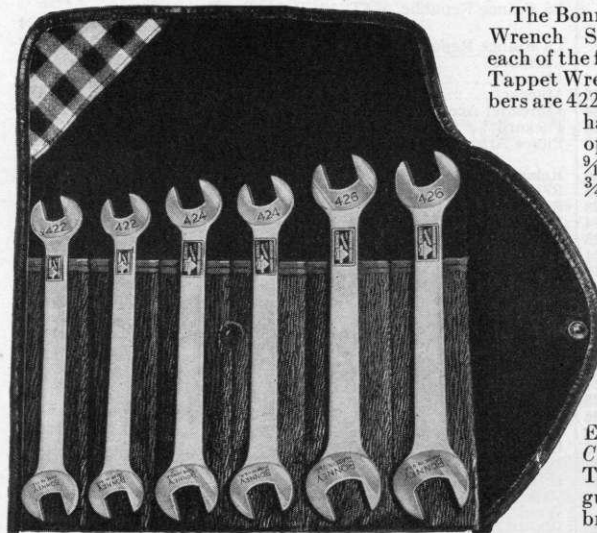
BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome - Vanadium Tappet Wrenches 420 Series

Every Wrench in the No. 420 Series of Bonney 'CV' Chrome-Vanadium Tappet Wrenches has a different sized opening in each end. The openings are at a 15° angle. The Wrenches of the 420 Series also "step up" correspondingly in length. They are of exceptionally long design, have thin, pear-shaped heads and are absolutely guaranteed against breakage when used for tappet adjusting.

Wrench No.	Openings Milled	S. A. E. Standard Screw and Nut	U. S. S. Bolt Size	Extreme Length	Thickness of Head	Dealers' Net
420A	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{1}{4}$ & $\frac{5}{16}$	& $\frac{1}{4}$	8	$\frac{5}{32}$	\$0.55
420	$\frac{7}{16}$ & $\frac{17}{32}$	$\frac{1}{4}$ &	8	$\frac{5}{32}$	.55	
422	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{4}$ & 8	$\frac{5}{32}$	.55	
424B	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{3}{8}$ & $\frac{7}{16}$	.....	8½	$\frac{3}{16}$	.65
424	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{7}{16}$ &	& $\frac{3}{8}$	8½	$\frac{3}{16}$	.65
424A	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{7}{16}$ & $\frac{1}{2}$	.....	8½	$\frac{3}{16}$	.65
425	$\frac{3}{4}$ & $\frac{13}{16}$	$\frac{1}{2}$ &	9	$\frac{7}{32}$	.70	
426	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	& $\frac{1}{2}$	9	$\frac{7}{32}$	.70
428	$\frac{15}{16}$ & 1	$\frac{5}{8}$ & $\frac{11}{16}$	.....	9½	$\frac{7}{32}$	.80

Tappet Wrench Set No. 22

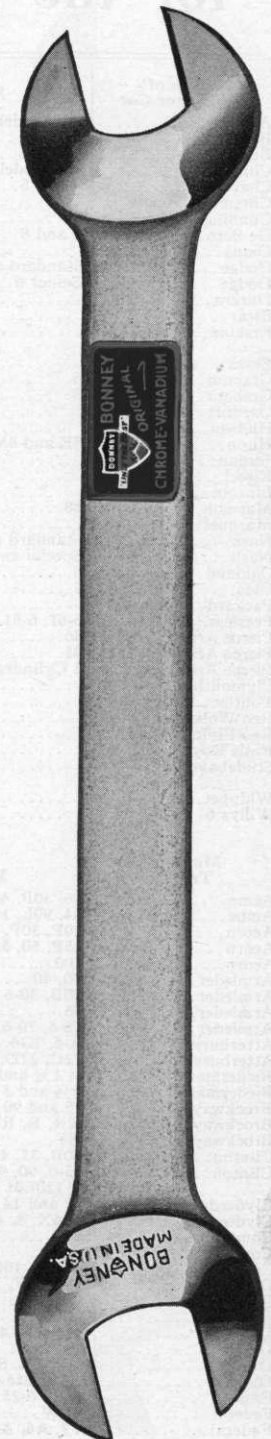


The Bonney No. 22 Tappet Wrench Set contains two each of the following 420 series Tappet Wrenches. Their numbers are 422, 424 and 426, and have the following openings, $\frac{1}{2}$ " and $\frac{9}{16}$ ", $\frac{5}{8}$ " and $\frac{11}{16}$ ", $\frac{3}{4}$ " and $\frac{7}{8}$ ".

Every Bonney 'CV' Chrome-Vanadium Tappet Wrench is guaranteed not to break or spread when used for tappet adjusting.

Prices Dealers' Net

In Cardboard Box	\$3.40
In Leatherette Roll	3.85



Bonney Forge and Tool Works..Allentown, Pa.

Valve Tappet Wrench Chart for the 420 Series Tappet Wrenches

Make of Passenger Car	Model	Wrench Number	Make of Truck	Model	Wrench Number
Auburn	All Models	(2) 422, (1) 424	Federal	X8	(2) 424, (1) 425
Blackhawk		(2) 422, (1) 424	Fageol	106, 130, 135, 250	(1) 420, (2) 422
Buick		(1) 422	Fageol	365, 370, 470, 6-66	(1) 420, (2) 422
Chandler	All Models	(3) 422	Fageol	485, 10-66A, 10-66C	(2) 424, (1) 426
Chevrolet	4 and 5	(1) 424	Freeman	DW144, DW186	(1) 424, (2) 426
Chrysler		(2) 422, (1) 424	Freeman	BA, BAS, BASP, GL	(1) 426, (2) 428
Cunningham		(2) 422	F. W. D.	BT16, H6, HH6	(1) 420, (2) 422
De Soto	6 and 8	(3) 422	Garford	S11	(1) 424, (2) 426
Diana		(2) 422, (1) 424	Garford	40	(3) 422
Dodge	Standard & Victory 6 & 8	(3) 422	Garford	60, 80, 100	(1) 426, (2) 428
Dodge	Senior 6	(2) 422, (1) 424	General Motors	T11, T19	(3) 422
Durant		(1) 422, (1) 424	Gotfredson	RB24, RW44, RW54, RW64A	(1) 424, (2) 426
Elcar		(2) 422, (1) 424	Gotfredson	RB56, RW56	(3) 422
Erskine		(1) 420, (1) 422, (1) 424	Gotfredson	RW84A, RW104A	(1) 426, (2) 428
Essex		(2) 422	G. P.	42-6, 47-6, 48-8, 52-6	(1) 422, (1) 424
Graham	6	(3) 422	G. P.	57-4, 82-4, 92-4, 92-6	(2) 424, (1) 426
Graham	8	(2) 422, (1) 424	G. P.	92SW, 100SW	(1) 420, (2) 422
Gardner		(2) 422, (1) 424	G. P.	57-6, 82-6, 57SW, 82SW	(1) 422, (1) 424
Hudson		(2) 422	Gramm	B, C, D, E150, 45, 48	(1) 422, (1) 424
Hupp	8E and 8M	(2) 422	Gramm-Bernstein	10, 115	(1) 422, (1) 424
Jordan		(1) 422, (2) 424	Gramm-Bernstein	115S, B6, R6X	(2) 422, (1) 424
Kissel		(2) 422, (1) 424	Gramm-Bernstein	C, C6, 30, 40, 50	(2) 424, (1) 425
Lincoln		(2) 422	Guilder	H	(1) 424, (2) 426
Marmon	68	(2) 422, (1) 424	Guilder	J, L6, 7	(1) 426, (2) 428
Marquette		(3) 422	Hahn	B2, SJ4, 34, 44, 76	(3) 422
Nash	Standard 6	(2) 422, (1) 424	Hahn	SJ6, 36, 46	(3) 422
Nash	Special and Advanced	(1) 422	Hahn	KS, L, 56, 465, R, N, 25	(2) 424, (1) 425
Oakland	6	(3) 422	Hahn	29	(2) 422, (1) 424
Olds	6	(3) 422	Harvey	17H, 37H, 37HL	(1) 424, (2) 426
Packard		(2) 422	Harvey	WG, WG6	(1) 426, (2) 428
Peerless	6-61, 6-81, 6-91, 125	(2) 422, (1) 424	Harvey	WHC	(1) 426, (2) 428
Pierce Arrow	36	(1) 422, (1) 426	Hawkeye	30, 36, 50-48, 50-60	(1) 424, (2) 426
Pierce Arrow	81	(1) 424, (1) 426	Hawkeye	50-75	(1) 426, (2) 428
Pierce Arrow	8 Cylinder	(2) 422, (1) 424	Hendrickson	ST6, T6	(1) 424, (2) 426
Plymouth		(3) 422	Hendrickson	U6, SSW, MSW, SW610	(1) 426, (2) 428
Pontiac		(3) 422	Hug	22, 60, 66, 26, 81, 84, 41	(1) 424, (2) 426
Reo Wolverine		(2) 422, (1) 424	Hug	86, 486, 87	(1) 426, (2) 428
Reo Flying Cloud		(3) 422	Indiana	97, C97, 98	(3) 422
Rolls Royce		(1) 422, (1) 424	International	11, HX, 111	(1) 420, (2) 422
Studebaker		(1) 420, (1) 422, (1) 424	Harvester	Spec. Del.	(1) 420, (2) 422
Whippet		(3) 422	International	1 1/4, 1 1/2T, 2T	(1) 422, (1) 424
Wilys 6		(1) 420, (2) 422	Harvester	1T, 1 1/4T, 1 1/2T, 2T, 2 1/2T, 3T	(1) 422, (1) 424
			La France Republic	M1	(1) 420, (2) 422
			Larrabee	20, 30	(2) 422, (1) 424
			Maccar	1 1/2T, 56	(1) 424, (2) 426
			Maccar	64, 66, 84, 86	(1) 426, (2) 428
			Moreland Ace	RR7	(2) 422, (1) 424
			Packard		(2) 422
			Pierce Arrow		(1) 422, (1) 424, (1) 426
			Relay	S11, 50	(1) 424, (2) 426
			Relay	40	(3) 422
			Relay	60, 80, 60SW	(1) 426, (2) 428
			Reo		(2) 422
			Republic		(1) 422, (1) 424
			Sanford	N, NO, AX	(2) 422, (1) 424
			Selden	17, 317, 37	(2) 422, (1) 424
			Schacht	15, 20, 20A	(2) 422, (1) 424
			Schacht	25	(1) 420, (2) 422
			Schacht	60, 65, 70	(1) 420, (2) 422
			Standard	K, KS, 5-7	(2) 424, (1) 425
			Sterling	1 1/4T, 1 1/2T	(2) 422, (1) 424
			Sterling	2T, 3T, 3 1/2T, 4 1/2T	(1) 420, (2) 422
			Sterling	4T, 5T	(1) 420, (2) 422
			Stewart		(1) 422, (1) 424
			United	20, 30, 32, 50, 40D	(3) 422
			United	20C6	(2) 422, (1) 424
			United	32C6, 50C6	(2) 424, (1) 425
			U. S.	U, L, 20, 21, 30, 31	(1) 424, (2) 426
			U. S.	T, 40	(1) 426, (2) 428
			Valley	1 1/4T, 1 1/2T, 2, 2 1/2T	(3) 422
			Ward La France	25R, 30RU	(1) 420, (2) 422
			Ward La France	35R, 4E6, 45D	(1) 420, (2) 422
			Ward La France	5B6	(2) 424, (1) 426
			White		(2) 424
			Witt-Will	SL, L, A4, AA, AS	(2) 424, (1) 425
			Woods	32, 41, 45, 53, 90	(3) 422
			World	D60, D88, D115	(1) 422, (1) 424
Make of Truck	Model	Wrench Number			
Acme	26, 30P, 40P, 47	(2) 422, (1) 424			
Acme	64, 90L, 150, 151	(2) 424, (1) 425			
Acorn	20P, 30P, 40P	(2) 422, (1) 424			
Acorn	45P, 50, 50P	(1) 424, (2) 426			
Acorn	100	(1) 426, (2) 428			
Armleder	30, 40	(3) 422			
Armleder	30B, 30-6, 40P, 50-6, 60	(1) 424, (2) 426			
Armleder	55	(2) 424, (1) 428			
Armleder	60-6, 70-6, 70	(1) 426, (2) 428			
Atterbury	A-6, K-6, G-6	(1) 422, (1) 424			
Atterbury	22C, 22D, 24E	(2) 424, (1) 425			
Biederman	1, 1 1/4 and 1 1/2 Ton	(1) 420, (2) 424			
Biederman	2 1/2 and 3 1/2 Ton	(2) 422, (1) 425			
Brockway	75 and 90	(2) 422, (1) 424			
Brockway	KR, R, RT, T	(2) 424, (1) 425			
Brockway	BT	(1) 426, (2) 428			
Clinton	20B, 32, 45, 65, 65-6	(1) 424, (2) 426			
Clinton	85-6, 90, 90M, 120L, 120LM	(1) 426, (2) 428			
Clydesdale	12 and 14	(1) 420, (2) 424			
Clydesdale	6, 6X, 8, 4, 4X, 2	(2) 424, (1) 425			
Commerce	S11	(1) 424, (2) 426			
Commerce	40	(3) 422			
Commerce	60, 80, 100, 100ZB	(1) 426, (2) 428			
Day-Elder	MF, GF, HF, HBF	(2) 422, (1) 424			
Defiance	OX	(2) 424, (1) 425			
Defiance	OXH	(3) 422			
Denby	41, 41A, 43	(3) 422			
Denby	27	(2) 424, (1) 425			
Duplex	GF, GS, S, FAC, EF	(1) 424, (2) 426			
Duplex	SAC, M5-7	(1) 426, (2) 428			
Eagle	6-10, 6-25	(2) 422, (1) 424			
Federal	4FW	(1) 420, (2) 422			
Federal	F7, A6, A6T, A6TW	(2) 422, (1) 424			

BONNEY 'CV' Chrome-Vanadium Wrenches

401 Series 'CV' Chrome-Vanadium Tappet Wrenches

Bonney 'CV' Chrome-Vanadium Tappet Wrenches of the '401' Series are of the proper length (eight inches), therefore allow the mechanic to work clear of the motor when it is hot. The angle of the heads also allows him to reach around into normally inaccessible locations.

Most cars require three wrenches to make complete tappet adjustments. Consequently, the 401 series Tappet Wrenches is designed so that two may be worked like scissors with one hand while the third is used in the other hand. Both openings in this series are of the same size but are at different angles. One opening is straight, the other at $22\frac{1}{2}^{\circ}$.

Wrench No.	Openings Milled	S. A. E. Standard Nuts Bolt Size	U. S. S. Nuts Bolt Size	Extreme Length	Thickness of Head	Dealers' Net
401	$\frac{3}{8}$	8	$\frac{5}{32}$	\$0.55
401A	$\frac{7}{16}$	$\frac{1}{4}$	.....	8	$\frac{5}{32}$
402	$\frac{1}{2}$	$\frac{5}{16}$	$\frac{1}{4}$	8	$\frac{5}{32}$	
402A	$\frac{17}{32}$	.....	.....	8	$\frac{5}{32}$
403	$\frac{9}{16}$	$\frac{3}{8}$	.....	8	$\frac{5}{32}$
403A	$\frac{19}{32}$	$\frac{5}{16}$	8	$\frac{5}{32}$	
404	$\frac{5}{8}$	$\frac{7}{16}$	8	$\frac{3}{16}$.65
404A	$\frac{21}{32}$	.....	.....	8	$\frac{3}{16}$
405	$\frac{11}{16}$	.....	$\frac{3}{8}$	8	$\frac{3}{16}$
406	$\frac{3}{4}$	$\frac{1}{2}$	8	$\frac{7}{32}$.70
406A	$\frac{25}{32}$	.....	$\frac{7}{16}$	8	$\frac{7}{32}$
407	$\frac{13}{16}$	.....	.....	8	$\frac{7}{32}$
407A	$\frac{7}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	8	$\frac{7}{32}$	
408	$\frac{15}{16}$	$\frac{5}{8}$	8	$\frac{7}{32}$.80
408A	$\frac{31}{32}$	.....	$\frac{9}{16}$	8	$\frac{7}{32}$
409	1	$\frac{11}{16}$	.....	8	$\frac{7}{32}$

Tappet Wrench Set No. 412



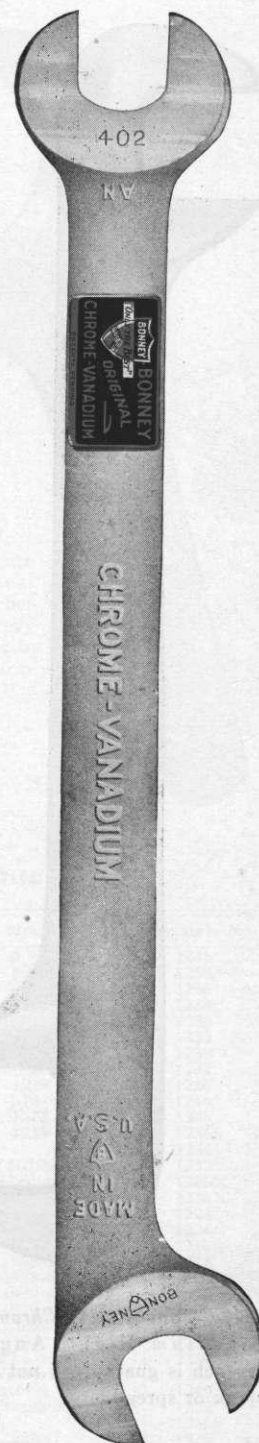
The No. 412 Tappet Set consists of two each Nos. 402, 403, 404 and 405 Bonney 'CV' Chrome-Vanadium Valve Tappet Wrenches.

Prices Dealers' Net

In Cardboard Box... \$4.30

In Leatherette Roll... 4.80

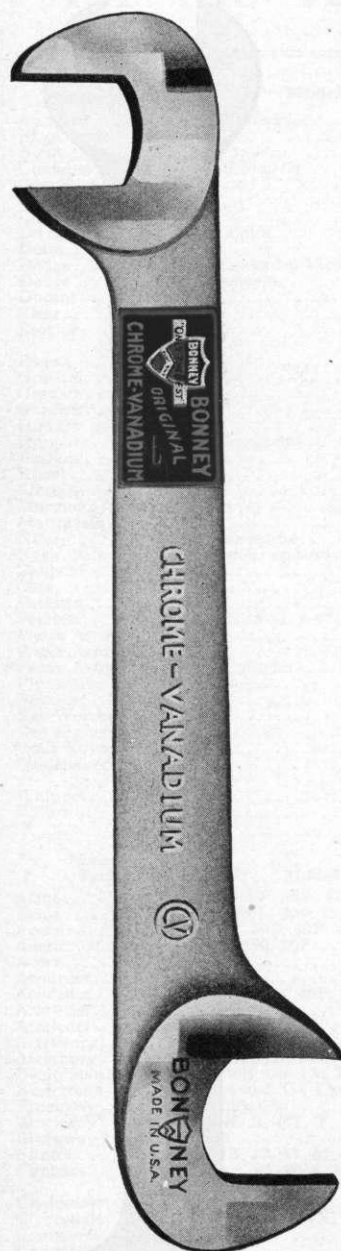
In Metal Box... 4.80



Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Right-Angle Wrenches

Bonney 'CV' Chrome-Vanadium Right-Angle Wrenches are designed for work in close quarters where it is impossible to use wrenches with openings at 15° or 22½°. Difficult adjustments of this type are found in work on brakes, manifolds, cylinder-heads, etc. The heads of Bonney 'CV' Right-Angle Wrenches are pear shaped and of similar design to Bonney 'CV' Engineers' Wrenches. The handles are shaped to give the operator a comfortable grip. They are Chrome-Plated and have buffed heads. All are rigidly inspected, tested, and are guaranteed not to break or spread.



Every Bonney 'CV' Chrome-Vanadium Right-Angle Wrench is guaranteed not to break or spread.

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Extreme Length	Thickness of Head	Dealers' Net
2721	1/8 & 3/16	1/8 & 1/8	5/16 & 3/8	4 1/4	7/32	\$0.35
2021	1/8 & 3/16	1/8 & 1/8	.....	5/16 & 13/32	4 1/4	7/32
2722	1/8 & 3/16	1/8 & 1/4	.....	5/16 & 1/2	4 1/4	7/32
2723	1/8 & 3/16	1/8 & 1/4	.....	5/16 & 1/2	4 1/4	7/32
2022	1/8 & 1/4	1/8 & 5/16	5/16 & 1/2	4 1/2	7/32	.40
2023	1/8 & 1/4	1/8 & 5/16	.....	13/32 & 1/2	4 1/2	7/32
2723A	1/8 & 1/4	1/8 & 5/16	.....	5/16 & 1/2	4 1/2	7/32
2724	3/16 & 1/2	3/16 & 3/8	.....	3/8 & 9/16	5 1/2	15/64
2024	3/16 & 1/2	3/16 & 3/8	13/32 & 19/32	5 1/2	15/64	.45
2725	3/16 & 1/2	3/16 & 3/8	.....	1/2 & 1	5 1/2	15/64
2725A	3/16 & 1/2	3/16 & 3/8	.....	1/2 & 9/16	5 1/2	15/64
2725B	3/16 & 1/2	3/16 & 3/8	.....	1/2 & 9/16	5 1/2	15/64
2025	3/16 & 1/2	3/16 & 3/8	1/2 & 19/32	5 1/2	15/64	.55
2726	1/4 & 5/8	1/4 & 7/16	.....	1/2 & 5/8	6 1/2	9/32
2026	1/4 & 5/8	1/4 & 7/16	.....	1/2 & 11/16	6 1/2	9/32
2727	1/4 & 5/8	1/4 & 7/16	.....	1/2 & 5/8	6 1/2	9/32
2027	5/16 & 3/8	5/16 & 3/8	13/32 & 11/16	6 1/2	9/32	.70
2027C	5/16 & 3/8	5/16 & 3/8	.....	13/32 & 11/16	6 1/2	9/32
2028	5/16 & 7/16	5/16 & 7/16	.....	19/32 & 25/32	7 1/2	5/16
2728	5/16 & 7/16	5/16 & 7/16	.....	9/16 & 3/4	7 1/2	5/16
2028S	5/16 & 7/16	5/16 & 7/16	5/8 & 25/32	7 1/2	5/16	.95
2729	5/16 & 7/16	5/16 & 7/16	.....	5/8 & 3/4	7 1/2	5/16
2029	5/16 & 7/16	5/16 & 7/16	.....	11/16 & 25/32	7 1/2	5/16
2730	5/16 & 7/16	5/16 & 7/16	.....	5/8 & 13/16	7 1/2	5/16
2030	5/16 & 7/16	5/16 & 7/16	11/16 & 7/8	7 1/2	5/16	.95
2731	1/2 & 1 1/2	1/2 & 9/16	.....	3/4 & 13/16	9	3/8
2731A	1/2 & 1 1/2	1/2 & 9/16	.....	3/4 & 7/8	9	3/8
2031	7/16 & 1 1/2	7/16 & 9/16	.....	25/32 & 7/8	9	3/8
2731B	1/2 & 1 1/2	1/2 & 9/16	.....	13/16 & 7/8	9	3/8
2732	1/2 & 1 1/2	1/2 & 1 1/4	3/4 & 1	9	3/8	.95
2032	1/2 & 1 1/2	1/2 & 1 1/4	.....	25/32 & 11/16	9	3/8
2732A	1/2 & 1 1/2	1/2 & 1 1/4	.....	13/16 & 1	9	3/8
2033A	1/2 & 1 1/2	1/2 & 1 1/4	.....	13/16 & 15/16	9	3/8
2033	1/2 & 1 1/2	1/2 & 1 1/4	13/16 & 41/64	9	3/8	

Right-Angle Wrench Set No. 40

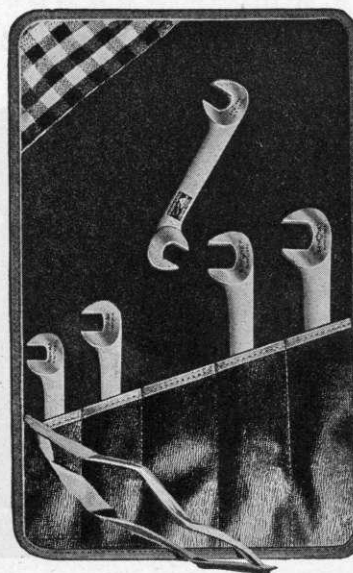
The Bonney 'CV' Chrome-Vanadium Right-Angle Wrench Set No. 40 contains one each of the following Right-Angle Wrenches. Nos. 2723, 2025, 2027C, 2028S, 2731A.

There are no duplicate openings. The Wrenches fit U.S. Standard Nuts 1/4", 5/16", 3/8", 7/16", 1/2", S.A.E. Nuts 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", and Hexagon Cap Screws 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8".

Prices Dealers' Net

In Cardboard Box.....\$2.70

In Leatherette Roll..... 3.20



BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome - Vanadium Water Pump Packing Nut Wrenches

One of the most difficult adjustments to make on a water cooled motor is the water pump packing nut. This nut usually made of brass, is very thin; and should be tightened with a wrench and never with a drive punch and hammer. Wrenches to do this must be very thin. Bonney 'CV' Chrome-Vanadium Water Pump Packing Nut Wrenches are designed especially for this adjustment. Their use for other classes of work or with added leverage is not recommended.

Opening
at Angle
of 30°



We manufacture
Water Pump Pack-
ing Nut Wrenches
for almost every
make of car. Write
for complete infor-
mation.

Wrench No.	Opening Milled	Length	Thickness of Head	Dealers' Net
1224	3/4	7	1/4	\$0.90
1224A	1 1/8	7	1/4	
1226	1 1/8	7	1/4	
1228	1 1/8	7	1/4	
1230	1 1/8	7	1/4	
1232	1 1/8	7	1/4	
1232A	1 1/8	7	1/4	
1234	1 1/8	7	1/4	
1236	1 1/8	7	1/4	
1236S	1 1/8	7	1/4	
1236X	1 1/8	7	1/4	
1238	1 1/8	7	1/4	1.00
1240	1 1/4	7	1/4	
1242	1 1/8	7 3/4	5/16	
1244	1 1/8	7 3/4	5/16	
1246	1 1/8	7 3/4	5/16	
1248	1 1/8	7 3/4	5/16	
1250	1 1/8	7 3/4	5/16	1.25
1252	1 1/8	7 3/4	5/16	
1256	1 3/4	8 1/2	5/16	
1258	1 13/16	8 1/2	5/16	
1260	1 7/8	8 1/2	5/16	
1262	1 15/16	8 1/2	5/16	
1264	2	8 1/2	5/16	
1264S	2 1/16	8 1/2	5/16	
1266	2 1/16	8 1/2	5/16	
1268	2 1/8	8 1/2	5/16	
1272	2 1/4	8 1/2	5/16	
1276	2 3/8	8 1/2	5/16	
1272S	2 1/2	8 1/2	5/16	

Water Pump Packing Nut Wrench Chart

Make of Car	Model	Wrench No.	Make of Car	Model	Wrench No.
Auburn	76	1234	Hudson	6	1246
Auburn	88	1234	Hudson	8	1238
Auburn	115	1234	Hupmobile	8-E	1236
Buick	116	1228	Hupmobile	8-M	1236
Buick	121	1228	Hupmobile	Century 6	1230
Buick	129	1228	Hupmobile	M-3	1232
Chandler	6-65	1256	Hupmobile	R	1238
Chandler	Big 6	1234	Jordan	J-E	1232
Chandler	Royal 75	1240	Jordan	1929	1236
Chandler	Royal 85	1240	Marmon	78	1246
Chevrolet	1928-4	1238	Marmon	E-75	1246
Chevrolet	-6	1232A	Marquette	1929	1236S
Chrysler	62 & 65	1224	Moon		1236
Chrysler	77	1238	Nash—1929	Std. 6	1232
De Soto		1224	Nash—1929	Spec. 6	1236X
Diana		1232	Nash—1929	Adv. 6	1236X
Dodge	Standard 6-1928	1224A	Oakland	1928-AA6	1224
Dodge	Victory 6-1928	1224A	Oakland	1929 & 1930	1224
Dodge	Senior 6-1928	1232	Oldsmobile	F-28	1236S
Dodge	6-1929	1238	Overland	1928-4	1228
Dodge	Senior 6-1929	1248	Overland	1928-6	1228
Dodge	Senior 8-1930	1238	Overland	1929-4	1224A
Durant	4	1232	Overland	1929-6	1224A
Durant	55	1232	Packard	626	1248
Durant	65	1232	Pierce Arrow	1930	1234
Durant	75	1232	Pontiac	1929 & 1930	1224
Erskine	1929	1236	Reo	Wolverine	1236
Erskine	1930	1240	Studebaker	Dictator & Com.	1240
Graham-Page	610	1240	Studebaker	President	1252
Graham-Page	614	1240	Viking		1236S
Graham-Page	619	1240	Willys-Knight	56	1236
Graham-Page	629	1240	Willys-Knight	70	1236
Graham-Page	835	1240			
Gardner		1234			

Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Special Wrenches



No. 2105A

For making adjustments on Ford Model A, connecting rods. Overall length of wrench, 10 inches. Equipped with $\frac{1}{2}$ inch hexagon opening.

Price Dealers' Net\$0.85



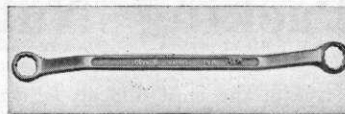
Nos. 2525-2530

No. 2525 for Ford Model T has $\frac{5}{8}$ inch hexagon box opening and $\frac{15}{16}$ inch offset opening at 15°. Length 9 $\frac{3}{4}$ inches.

Price Dealers' Net\$0.85

No. 2530 for Ford, Model A has $\frac{11}{16}$ inch hexagon box opening and $1\frac{1}{4}$ inch offset opening at 15°. Length 9 $\frac{3}{4}$ inches.

Price Dealers' Net\$0.85



No. 2540

For adjusting Chevrolet "4" main bearing. Overall length 13 inches. Wrench has $\frac{13}{16}$ inch and $\frac{7}{8}$ inch double-hexagon openings.

Price Dealers' Net\$1.85



No. 2544

For making Mack truck tappet adjustments on Models "AB" and "AC". Its overall length is 12 inches and it is $\frac{5}{16}$ inch thick. An open-end wrench with a $1\frac{1}{4}$ inch opening.

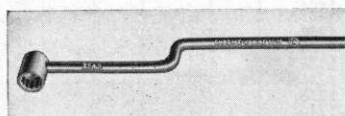
Price Dealers' Net\$2.00



No. 2545

For Ford Model A and Chrysler 75 and 80, water pump. Also used for Chevrolet steering column adjustments. Length overall, 5 $\frac{1}{4}$ inches. Thickness, $\frac{3}{16}$ inch.

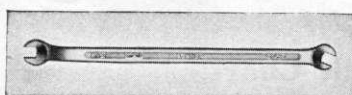
Price Dealers' Net\$0.60



No. 2549

Specially designed for Ford Model A, rear main bearing adjusting. Its length is 15 inches, and has a $\frac{3}{4}$ inch double-hexagon opening. Made of Chrome-Vanadium Steel.

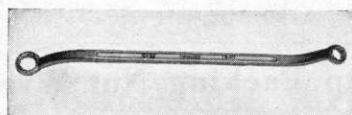
Price Dealers' Net\$1.35



Nos. 2552-2552A

This is an open-end offset wrench for wire wheel spoke nipples. The No. 2552 has $\frac{1}{4}$ inch openings, while the No. 2552A has $\frac{5}{16}$ inch openings.

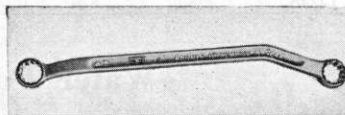
Price Dealers' Net\$1.20



No. 2840

Used for adjusting Chevrolet "6" main bearings. The wrench has $\frac{5}{8}$ inch and $\frac{3}{4}$ inch double-hexagon openings. Its overall length is 15 inches.

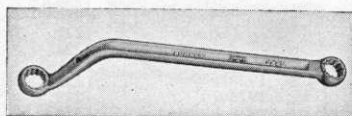
Price Dealers' Net\$1.85



No. 2844

Designed to adjust manifold nuts, especially those of the Chevrolet "6". Length overall, 9 inches. It is a double-end, double-hexagon wrench with openings of $\frac{5}{16}$ inch.

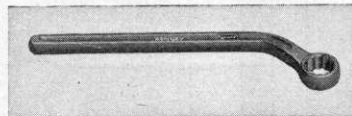
Price Dealers' Net\$1.35



No. 2845

For Reo differential housing flange, also G. M. C. truck, Model "T30" universal joint flange. Overall length, 7 $\frac{3}{4}$ inches. It has double-hexagon openings of $\frac{1}{2}$ inch in each end, offset 2 $\frac{1}{4}$ inches.

Price Dealers' Net\$1.30



No. 2854

For Chevrolet "6" starter cap screws. Its length is 7 $\frac{1}{2}$ inches, and it has a double-hexagon opening of $\frac{5}{8}$ inch.

Price Dealers' Net\$1.25



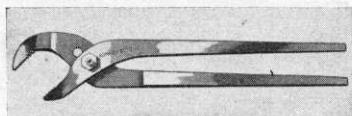
No. 2858

Here is a wrench for removing bowls of Chevrolet "6" carburetors. Length overall 7 $\frac{3}{4}$ inches. $\frac{3}{4}$ inch double-hexagon opening. Notice offset.

Price Dealers' Net\$1.35

BONNEY 'CV' Chrome-Vanadium Wrenches

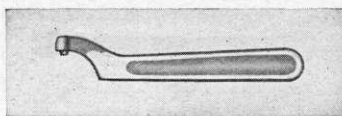
'CV' Chrome-Vanadium Special Wrenches



No. 2570

Bonney Adjustable Plier. Made in the five-notch slip joint pattern providing a range from $\frac{1}{2}$ inch to $2\frac{1}{4}$ inches. Length $9\frac{1}{2}$ inches. Weight 8 oz.

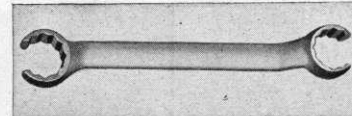
Price Dealers Net.....\$1.45



No. 2576

The small Bonney Spanner No. 2576 is especially recommended for use on Electro-lock Switch Nuts.

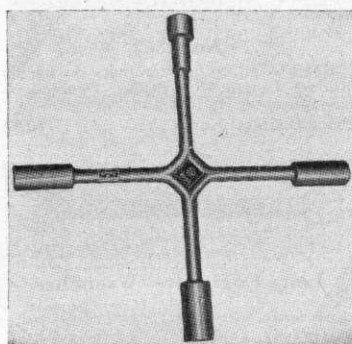
Price Dealers Net.....\$0.45



No. 2880

Bonney Double-end, Double-Hexagon Wrench for wire wheel valve stem nuts. Has $\frac{3}{8}$ inch and $\frac{1}{4}$ inch openings. Use on other than stem nuts is not recommended.

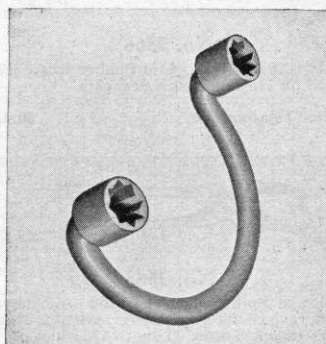
Price Dealers Net.....\$1.45



No. 2553

Bonney Rim Wrench, made of Chrome-Vanadium Steel has double-hexagon openings $\frac{5}{8}$ inch, $\frac{3}{4}$ inch, $1\frac{1}{16}$ inch and $\frac{7}{8}$ inch.

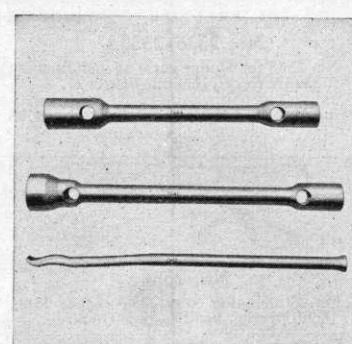
Price Dealers Net.....\$2.35



No. 2573

Double-end Socket Wrench for adjusting Chevrolet "6" front body bolts. $\frac{5}{16}$ inch double-square openings.

Price Dealers Net.....\$1.30



Nos. 7941, 7942, 7944

Rim Nut Wrenches Nos. 7941 and 7944, and Handle No. 7942 for Ford AA trucks and other trucks. Wrench No. 7941 has a $1\frac{1}{16}$ inch square opening and a $1\frac{1}{2}$ inch hexagon opening. No. 7944 has hexagon openings of $\frac{7}{8}$ inches and $1\frac{1}{8}$ inches.

No. 7941 Double-end Socket Wrench \$1.50
No. 7944 Double-end Socket Wrench 1.50
No. 7942 Handle, 20 inches long..... .65



No. 2569-2569A

Packard water Pump Packing nut Wrenches for use on late models. Length 8 inches. Thickness $\frac{3}{16}$ inch. Opening, 2569 - $1\frac{1}{2}$ inches; 2569A - $1\frac{1}{16}$ inches.

Price Dealers Net.....\$1.50

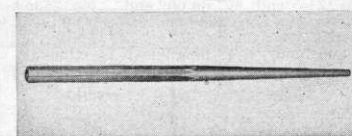


No. 7497

CARBON STEEL

Bonney Chevrolet "6" Hub Cap Wrench. A handy tool. Made of Carbon Steel. Length overall, 10 inches.

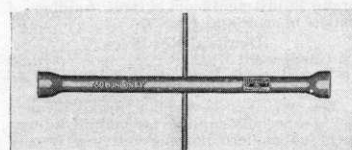
Price Dealers Net.....\$1.30



No. 8386

(Silico-Manganese Steel)

No. 8386. $\frac{5}{8}$ inch Stock, $\frac{5}{16}$ inch Point
15 inch Length.....\$1.50
No. 8385. $\frac{3}{4}$ inch Stock $\frac{5}{16}$ inch Point
18 inch Length..... 2.25



No. T-50

Specially designed for jets in Model "A" Ford carburetor. Length 5 inches. Openings $\frac{5}{16}$ inch and $\frac{3}{16}$ inch.

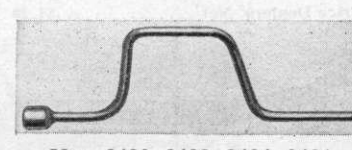
Price Dealers Net.....\$0.75



No. 2568

Bonney Rim Tool for locking and unlocking Kelsey-Hayes and C. W. C. Rims. Overall length $18\frac{1}{2}$ inches.

Price Dealers Net.....\$1.30



Nos. 2420, 2422, 2424, 2426

Bonney Carbon Steel Rim Wrenches are one piece. All have hexagon openings. No. 2420, $\frac{3}{4}$ inch; No. 2422, $1\frac{1}{16}$ inch; No. 2424, $\frac{3}{4}$ inch; and No. 2426 has $1\frac{1}{16}$ inch opening.

Price Dealers Net.....\$0.40

Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Brake Wrenches



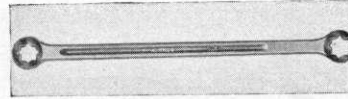
No. 2534

Designed for Chrysler Cars, $3\frac{1}{16}$ inches long, $\frac{5}{8}$ inch opening, head $\frac{7}{32}$ inch thick.
Price Dealers' Net\$0.60



No. 2561

Specially designed for Bendix Brake Eccentric $\frac{3}{16}$ inch and $\frac{1}{4}$ inch openings.
Price Dealers' Net\$1.20



No. 2857

For Brake Adjusting on Ford A and AA, $\frac{7}{16}$ inch and $\frac{1}{2}$ inch double square openings.
Price Dealers' Net\$1.40



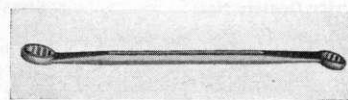
No. 2535-2535A

No. 2535 for Dodge cars, $\frac{7}{8}$ inch opening
No. 2535A for Hupmobile, 1926-27.
Price Dealers' Net\$0.95



No. 2566

Bendix Brake Tool for Bendix Brakes as used on Hudson and Essex cars.
Price Dealers' Net\$0.45



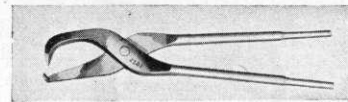
No. 2862

Used to adjust anchor bolts on Bendix Brakes. Length, $15\frac{5}{8}$ inches. Double-hexagon openings $1\frac{1}{16}$ inch and $1\frac{1}{8}$ inches.
Price Dealers' Net\$2.85



No. 2536

For Studebaker cars, $4\frac{7}{8}$ inches long, $\frac{3}{8}$ inch opening, head $\frac{7}{32}$ inch thick.
Price Dealers' Net\$0.85



No. 2583

Brake Spring Plier designed to remove and replace internal brake springs on all cars except Fords. Length $12\frac{1}{2}$ inches.
Price Dealers' Net\$2.25



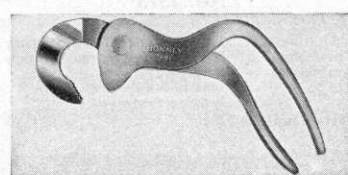
Long Engineers' Wrenches

for brake adjustment, spring clips, etc.
No. 1731AL. Length 15 inches, thickness $\frac{3}{8}$ inch, openings $\frac{3}{4}$ inch and $\frac{7}{8}$ inch \$2.50
No. 1735L. Length 16 inches, thickness $1\frac{1}{16}$ inch, openings 1 inch and $1\frac{1}{8}$ inch 3.35
No. 1034AL. Length 16 inches, thickness $1\frac{1}{16}$ inch, openings $1\frac{1}{16}$ inch and $1\frac{1}{8}$ inches 3.35



No. 2526-2537

No. 2537 opening $\frac{1}{2}$ " on $22\frac{1}{2}$ " end, $\frac{5}{16}$ " on 60° end. No. 2538 opening $\frac{5}{16}$ " on $22\frac{1}{2}$ " end, $\frac{1}{2}$ " on 60° end. No. 2526 opening $\frac{3}{8}$ " on $22\frac{1}{2}$ " end, $\frac{5}{8}$ " on 60° end. No. 2526A opening $\frac{5}{16}$ " on $22\frac{1}{2}$ " end, $\frac{5}{16}$ " on 60° end. No. 2526B opening $1\frac{1}{16}$ " on $22\frac{1}{2}$ " end, $1\frac{1}{16}$ " on 60° end. $6\frac{1}{4}$ " long, heads $\frac{7}{32}$ " thick.
Price Dealers' Net\$0.95



No. 2581

For all Steel Draulic Brakes. Overall length $5\frac{1}{2}$ inches.
Price Dealers' Net\$1.35



No. 2539

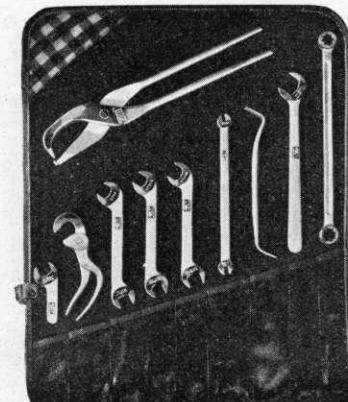
For Bendix Brakes. Openings, small end $\frac{1}{4}$ inch and $\frac{1}{2}$ inch, large end $\frac{3}{4}$ inch. No. 2539A same as No. 2539 except openings $\frac{5}{16}$ inch and $\frac{1}{2}$ inch and $\frac{5}{16}$ inch respectively.
Price Dealers' Net\$1.20



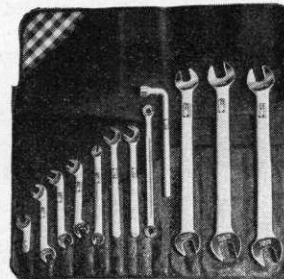
No. 2541

For use on Studebaker cars. Wrench is 10 inches long, $\frac{7}{8}$ inch opening, head $\frac{5}{16}$ inch thick.
Price Dealers' Net\$1.60

No. 38 BRAKE SET



No. 37 BRAKE SET



The No. 37 set contains one each of twelve wrenches as follows; Nos. 2534, 2526, 2537, 2538, 2561, 2535, 2535A, 2857, 2103, 1731AL, 1034AL, 1735L suitable for brake adjustments on a large number of makes of cars and trucks.

Dealers' Net Price

In Cardboard Box\$16.30
In Leatherette Roll..... 17.45

The new No. 38 Bonney Brake Wrench Set is especially suitable for making adjustment on modern braking systems. It contains one each of the following Brake Wrenches, Nos. 2526, 2526A, 2526B, 2534, 2535, 2561, 2857, Brake Pliers Nos. 2581 and 2583 and Brake Tool No. 2566.

Dealers' Net Price

In Cardboard Box\$ 9.95
In Leatherette Roll!..... 10.65

BONNEY 'CV' Chrome-Vanadium Wrenches

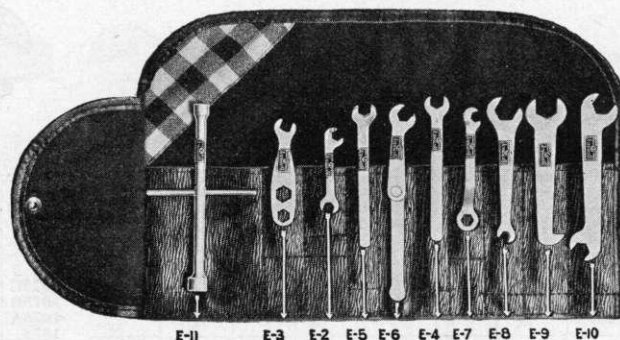
'CV' Chrome-Vanadium Ignition Set No.18

The Bonney No. 18 Ignition Set contains ten Wrenches, all made of *Chrome-Vanadium Steel*. They are suitable for use on ignition work on the most popular electrical systems such as Auto Lite, Bosch, Delco, Eisemann, Northeast, Remy, Splitdorf, Westinghouse, etc.

Each Wrench is designed to be most efficient for its particular application. They are light in weight, and so strong that they, too, carry the Bonney guarantee not to break or spread.

Prices Dealers' Net

In Cardboard Box..... 3.60
In Leatherette Roll.....\$4.00



PRICES OF INDIVIDUAL IGNITION WRENCHES

Wrench No.	Description	Dealers' Net	Wrench No.	Description	Dealers' Net
E2	Northeast, Splitdorf, Bosch....	\$0.30	E7	Bosch Du 4 & Du 6, Autolite...	\$0.40
E3	Eiseman.....	.30	E8	Delco Remy.....	.40
E4	Remy, Wagner.....	.30	E9	Remy Cam.....	.40
E5	Remy, Wagner.....	.30	E10	Autolite Generator.....	.40
E6	Ford, Third Brush.....	.50	E11	Bosch.....	.65



E-12 For Chevrolet Six (Delco Remy)

Dealers' Net Price.....\$0.35

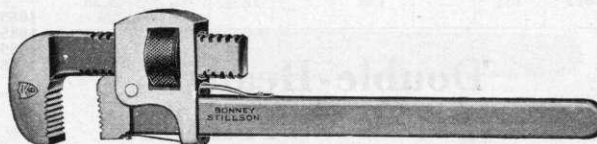


No. 2572

Ignition Plier specially designed for ignition work. Dealers' Net Price.....\$1.00

Stillson Wrenches

Bonney Stillson Wrenches are forged from high grade Tool Steel. They are hardened and tempered by methods which this company has developed throughout its many years of experience in this work. They are strong and sturdy and may always be depended on to do the job right.

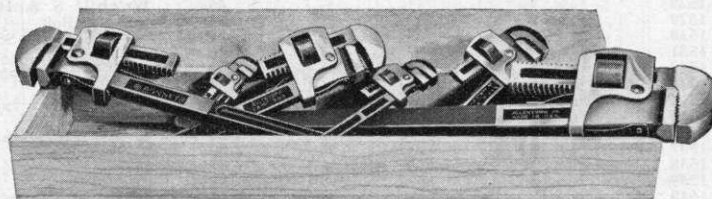


Size	Grips Pipe	Dealers' Net	Size	Grips Pipe	Dealers' Net
6"	1/8 to 1/2	\$0.75	14"	1/4 to 1 1/2	\$1.25
8"	1/8 to 3/4	.80	18"	1/4 to 2	1.80
10"	1/8 to 1	.90	24"	1/4 to 2 1/2	2.65
12"	1/4 to 1 1/4	1.05	36"	1/4 to 3 1/2	4.80

Stillson Wrench Assortment No. 77

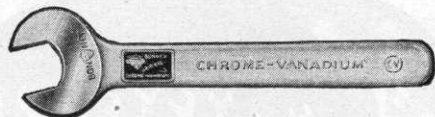
The Bonney Stillson Wrench Assortment No. 77 was specially selected to cover the complete range of requirements of Stillson Wrenches. It contains one each of the 6 inch, 8 inch, 10 inch, 14 inch, 18 inch and 24 inch wrenches. Comes packed in substantial wooden box. Weight 18 lbs.

Dealers' Net Price.....\$7.40



Bonney Forge and Tool Works..Allentown, Pa.

Single-Head Engineers' Wrenches



15° ANGLE

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Opening Milled	Ex-treme Length	Thick-ness Head	Deal'rs' Net
1000	3/8	1/8		5/16	3 1/2	7/32	\$0.25
1700	3/8	3/16		3/8	4	1/4	
1000A	3/16			15/32	4	1/4	
1701		1/4	1/4	7/16	4 5/8	9/32	.30
1001	3/4	5/16	5/16	1/2	4 5/8	9/32	
1702		3/8	3/8	9/16	5 1/2	5/16	.40
1002	3/16			19/32	5 1/2	5/16	
1703		7/16	7/16	5/8	6 3/8	11/32	.50
1003	3/8			11/16	6 3/8	11/32	
1704		1/2	1/2	3/4	7 1/4	3/8	.60
1004	7/16			25/32	7 1/4	3/8	
1705		9/16		13/16	8 1/8	7/16	.70
1005	1/2	3/8	3/8	7/8	8 1/8	7/16	
1006	9/16			31/32	9 1/4	1/2	.80
1706	3/4		11/16	1	9 1/4	1/2	
1007	5/8		3/4	1 1/16	10 1/2	9/16	1.05
1707	7/8			1 1/8	10 1/2	9/16	
1008	3/4	1	7/8	1 1/4	12	5/8	1.40
1708A	1 1/8			1 3/8	12	5/8	
1009	7/8		1	1 7/16	13 1/2	23/32	2.15
1709	1 1/4			1 1/2	13 1/2	23/32	
1010	1	1 3/8	1 1/8	1 5/8	15	25/32	3.00
1011	1 1/8		1 1/4	1 13/16	16 1/2	7/8	3.85
1012	1 1/4		1 3/8	2	18 1/4	15/16	5.35

Double-Head Set Screw Wrenches



22 1/2° ANGLE

Wrench No.	Milled Openings for Set Screws	Ex-treme Length	Thick-ness Head	Deal'rs' Net
1523	3/16 & 1/4	3 1/2	7/32	\$0.35
1524	3/16 & 5/16	4 1/4	9/32	.45
1525	1/4 & 5/16	4 1/4	9/32	.45
1526	1/4 & 3/8	5	11/32	.55
1527	5/16 & 3/8	5	11/32	.55
1528	5/16 & 7/16	5 3/4	3/8	.65
1529	3/8 & 7/16	5 3/4	3/8	.65
1530	3/8 & 1/2	6 3/8	7/16	.80
1531	7/16 & 1/2	6 3/8	7/16	.80
1532	7/16 & 9/16	7 1/2	1/2	1.00
1533	1/2 & 9/16	7 1/2	1/2	1.00
1534	1/2 & 5/8	8 1/2	9/16	1.20
1535	9/16 & 5/8	8 1/2	9/16	1.20
1536	9/16 & 3/4	9 3/4	5/8	1.50
1537	5/8 & 3/4	9 3/4	5/8	1.50
1538	3/4 & 7/8	11	11/16	1.85
1539	3/4 & 1	11	11/16	1.85
1540	3/4 & 1	12 1/2	3/4	2.40
1541	7/8 & 1	12 1/2	3/4	2.40

Standard 'S' Wrenches



22 1/2° ANGLE

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Ext. Length	Thick-ness Head	Deal'rs' Net
1075C	3/8 & 1/2	3/8	3/8	1/4 & 5/16	6 1/4	1/4	\$0.55
1075B	3/8 & 1/2	3/8	3/8	3/8 & 1/2	6 1/4	1/4	
1075A	3/8 & 1/2	3/8	3/8	5/8 & 1 1/2	6 1/4	1/4	
1075	3/16 & 1/4	3/16	3/16	13/32 & 1 1/2	6 1/4	1/4	
1077S	3/4	1/2	1/2	7/16 & 1 1/2	7 1/8	9/32	.65
1077C	3/4	1/2	1/2	7/16 & 1 1/2	7 1/8	9/32	
1077B	3/4	1/2	1/2	7/16 & 1 1/2	7 1/8	9/32	
1077A	3/4	1/2	1/2	7/16 & 1 1/2	7 1/8	9/32	
1077	3/4	1/2	1/2	7/16 & 1 1/2	7 1/8	9/32	
1079F	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	8 1/4	5/16	.80
1079B	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	8 1/4	5/16	
1079S	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	8 1/4	5/16	
1079A	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	8 1/4	5/16	
1079E	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	8 1/4	5/16	
1079D	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	8 1/4	5/16	
1079	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	8 1/4	5/16	
1079C	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	8 1/4	5/16	
1081E	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	9 1/4	3/8	1.00
1081C	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	9 1/4	3/8	
1081	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	9 1/4	3/8	
1081B	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	9 1/4	3/8	
1081A	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	9 1/4	3/8	
1081D	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	9 1/4	3/8	1.30
1083F	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	10 3/8	7/16	
1083D	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	10 3/8	7/16	
1083E	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	10 3/8	7/16	
1083B	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	10 3/8	7/16	
1083C	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	10 3/8	7/16	
1083A	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	10 3/8	7/16	1.85
1085	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	12	1/2	
1085A	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	12	1/2	
1085C	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	12	1/2	
1085B	3/8 & 1/2	3/8	3/8	1/2 & 1 1/2	12	1/2	

Short 'S' Wrenches

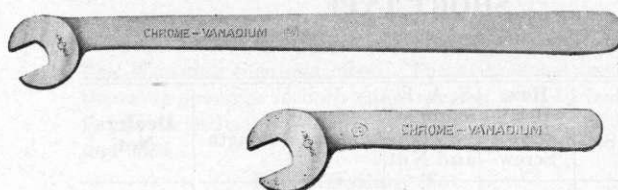


22 1/2° ANGLE

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Ext. Length	Thick-ness Head	Deal'rs' Net
1070	3/16 & 1/4	3/16	3/16	3/8 & 7/16	4	1/4	\$0.40
1071	1/4 & 5/16	5/16	5/16	1/2 & 9/16	5	5/16	.55
1072	1/2 & 9/16	1/2	1/2	3/4 & 1 1/2	6	3/8	.75
1073	1/2 & 5/8	5/8	5/8	7/8 & 1 1/2	7	7/16	.95

BONNEY 'CV' Chrome-Vanadium Wrenches

Angle Head Service Wrenches



This line of Wrenches is especially suitable for production and service work. They are designed to take all the leverage that the extremely long handles will allow. They may also be used to make tappet adjustments on certain makes of cars. They are guaranteed not to break or spread.

Wrench No.	U. S. S. Bolt Size	Hex Head Cap Screw	S. A. E. Std. Screw and Nut	Opening Mil'd	Extreme Lgth.	Thick-ness of Head	Deal'rs' Net
Short Hdle.	1401	3/16	6" LONG	3/8	6	7/32	\$0.75
	1401A	1/4	3/4	7/16	6	7/32	
	1402	1/4	3/4	7/16	6	7/32	
	1402A	3/8	3/8	17/32	6	7/32	
	1403	3/8	3/8	17/32	6	7/32	
Med. Hdle.	1403A	3/8	3/8	17/32	6	7/32	0.95
	1404	3/8	9" LONG	3/8	9	9/32	
	1404A	7/16	3/4	7/16	9	9/32	
	1405	3/8	3/4	11/16	9	9/32	
	1406	3/8	3/4	11/16	9	9/32	
Long Hdle.	1501	3/8	12" LONG	3/8	12	7/32	1.15
	1501A	1/4	3/4	7/16	12	7/32	
	1502	1/4	3/4	7/16	12	7/32	
	1502A	3/8	3/8	17/32	12	7/32	
	1503	3/8	3/8	17/32	12	7/32	
	1503A	3/8	3/8	17/32	12	7/32	1.30
	1504	3/8	3/4	11/16	12	9/32	
	1505	3/8	3/4	11/16	12	9/32	
	1506	7/16	3/2	11/16	12	11/32	1.40
	1506A	7/16	3/2	11/16	12	11/32	
	1507	7/16	3/2	11/16	12	11/32	
	1507A	7/16	3/2	11/16	12	11/32	1.50
	1508	3/4	3/4	11/16	12	11/32	
	1508A	3/4	3/4	11/16	12	11/32	
	1509	3/4	3/4	11/16	12	11/32	
	1509A	3/4	3/4	11/16	12	11/32	

Structural Wrenches



Straight Opening and Offset Head

Wrench No.	U. S. S. Bolt Size	Opening Milled	Extreme Length	Thick-ness Head	Handle Offset	Deal'rs' Net
1903	3/8	23/32	10 1/2	7/16	15/16	\$1.00
1904	7/16	13/16	11	7/16	15/16	1.00
1905	1/2	29/32	13	7/16	1 1/16	1.30
1906	9/16	1	15	7/16	1 1/16	1.30
1907	5/8	1 1/4	17	7/16	1 1/4	1.85
1908	3/4	1 1/2	19	7/16	1 3/8	2.50
1909	7/8	1 3/4	21	7/16	1 3/8	3.35
1910	1	1 1/2	23	7/16	1 1/2	4.65

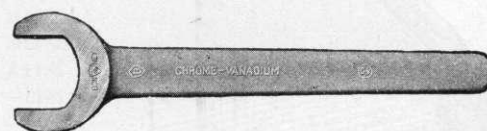
Construction Wrenches



15° ANGLE

Wr'ch No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Opening Milled	Ext. Lgh.	Thick-ness of Head	Deal'rs' Net
1450	3/8	1/2	1/2	11/16	9 1/2	7/16	\$0.85
1450A	7/16	3/4	3/4	25/32	9 1/2	7/16	
1451	7/16	3/4	3/4	25/32	9 1/2	7/16	
1451A	7/16	3/4	3/4	25/32	9 1/2	7/16	
1452	3/2	5/8	5/8	7/8	11	1 1/2	1.10
1452A	3/2	5/8	5/8	15/16	11	1 1/2	
1453	3/2	5/8	5/8	15/16	11	1 1/2	
1453A	3/2	5/8	5/8	15/16	11	1 1/2	
1454	3/8	3/4	3/4	1 1/16	13	9/16	1.50
1454A	3/8	3/4	3/4	1 1/8	13	9/16	
1455	3/4	1	7/8	1 1/4	15	5/8	2.10
1455A	3/4	1 1/8	7/8	1 3/8	15	5/8	
1456	7/8	1 1/4	1	1 7/16	17	11/16	2.80
1456A	7/8	1 1/4	1	1 1/2	17	11/16	
1457	1	1 3/8	1 1/8	1 3/8	19	3/4	3.90

Single Head Service Wrenches



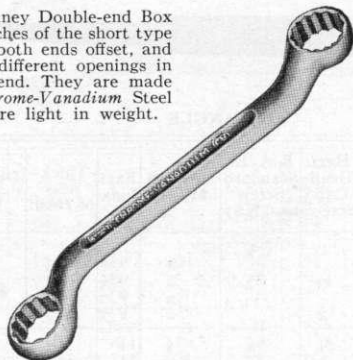
Designed particularly for assembling and service work on pinion shaft bearing adjusting nuts. The heads are thin but sufficiently strong to stand the leverage that the 12 1/4 inch handle produces, without breaking or spreading.

Wr'ch No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Opening Milled	Ext. Lgh.	Thick-ness of Head	Deal'rs' Net
1932	3/8	3/4	11/16	1	12 1/4	1/4	\$1.55
1934	7/16	3/4	3/4	1 1/16	12 1/4	1/4	
1936	1/2	3/4	3/4	1 1/8	12 1/4	1/4	
1940	3/4	1	3/4	1 1/4	12 1/4	1/4	
1944	1 1/8	1 1/8	1 1/8	1 3/8	12 1/4	1/4	1.80
1946	7/8	1	1	1 7/16	12 1/4	9/32	
1948	1	1 1/4	1 1/4	1 1/2	12 1/4	9/32	
1952	1	1 3/8	1 3/8	1 5/8	12 1/4	9/32	
1956	1 1/4	1 1/2	1 1/2	1 3/4	12 1/4	5/16	1.95
1958	1 1/2	1 3/4	1 3/4	1 13/16	12 1/4	5/16	
1960	1 3/4	1 3/4	1 3/4	1 7/8	12 1/4	5/16	
1964	1 3/4	1 3/4	1 3/4	2	12 1/4	5/16	
1966	1 3/4	1 3/4	1 3/4	2 1/16	12 1/4	5/16	
1970	1 3/4	1 3/4	1 3/4	2 3/16	12 1/4	5/16	

Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Box Wrenches

Bonney Double-end Box Wrenches of the short type have both ends offset, and have different openings in each end. They are made of *Chrome-Vanadium Steel* and are light in weight.



SHORT TYPE

Both Ends Offset - Different Openings Each End

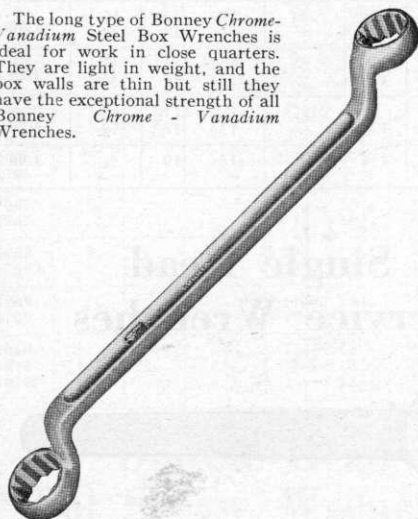
Wr'nch No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings	Length	Dealers' Net
2804	.....	$\frac{3}{16}$ & $\frac{1}{4}$	& $\frac{1}{4}$	$\frac{3}{8}$ x $\frac{7}{16}$	$5\frac{1}{8}$	\$0.95
2804A	$\frac{3}{16}$ &	& $\frac{1}{4}$	& $\frac{1}{4}$	$1\frac{13}{32}$ & $\frac{7}{16}$	$5\frac{1}{8}$	.95
2805	$\frac{1}{4}$ &	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ x $\frac{9}{16}$	$5\frac{1}{2}$	1.00
2806	.....	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ x $\frac{5}{8}$	6	1.15

LONG TYPE

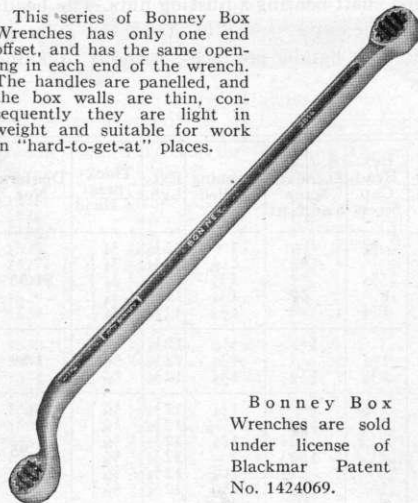
Both Ends Offset - Different Openings Each End

Wr'nch No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings	Length	Dealers' Net
2804L	.....	$\frac{3}{16}$ & $\frac{1}{4}$	& $\frac{1}{4}$	$\frac{3}{8}$ x $\frac{7}{16}$	$8\frac{1}{2}$	\$1.20
2805L	$\frac{3}{16}$ &	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$1\frac{1}{2}$ x $\frac{9}{16}$	9	1.30
2806L	$\frac{1}{4}$ &	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ x $\frac{5}{8}$	$9\frac{1}{2}$	1.35
2807	.....	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ x $\frac{3}{4}$	$8\frac{1}{2}$	1.40
2808	& $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ x $\frac{7}{8}$	10	1.65
2809	$\frac{1}{2}$ &	$\frac{5}{8}$ &	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ x $\frac{15}{16}$	$11\frac{1}{4}$	1.80
2810A	& $\frac{9}{16}$	.....	$\frac{5}{8}$ &	$\frac{15}{16}$ x $\frac{31}{32}$	$12\frac{1}{2}$	2.15
2810	.....	& $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{15}{16}$ x 1	$12\frac{1}{2}$	2.15
2811B	& $\frac{5}{8}$	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{15}{16}$ x $1\frac{1}{16}$	$14\frac{1}{2}$	2.30
2811C	.....	& $\frac{7}{8}$	$\frac{5}{8}$ &	$\frac{15}{16}$ x $1\frac{1}{8}$	$14\frac{1}{2}$	2.30
2811A	& $\frac{5}{8}$	$\frac{3}{4}$ &	$\frac{11}{16}$ & $\frac{3}{4}$	1 x $1\frac{1}{16}$	$14\frac{1}{2}$	2.30
2811	.....	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$ &	1 x $1\frac{1}{8}$	$14\frac{1}{2}$	2.30
2812	$\frac{3}{4}$ & -	1 & $1\frac{1}{8}$	$\frac{7}{8}$ &	$1\frac{1}{4}$ x $1\frac{3}{8}$	$16\frac{1}{2}$	3.00
2812A	$\frac{3}{4}$ & $\frac{7}{8}$	1 &	$\frac{7}{8}$ & 1	$1\frac{1}{4}$ x $1\frac{7}{16}$	$16\frac{1}{2}$	3.00

The long type of Bonney *Chrome-Vanadium Steel Box Wrenches* is ideal for work in close quarters. They are light in weight, and the box walls are thin but still they have the exceptional strength of all Bonney *Chrome - Vanadium Wrenches*.



This series of Bonney Box Wrenches has only one end offset, and has the same opening in each end of the wrench. The handles are panelled, and the box walls are thin, consequently they are light in weight and suitable for work in "hard-to-get-at" places.



Bonney Box Wrenches are sold under license of Blackmar Patent No. 1424069.

LONG TYPE

One End Offset - Same Openings Both Ends

Wr'nch No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings	Length	Dealers' Net
2814	.....	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	8	\$1.05
2816	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{2}$	9	1.15
2818	.....	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	$9\frac{1}{2}$	1.20
2820	.....	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{5}{8}$	10	1.30
2822	$\frac{3}{8}$	.....	.....	$1\frac{1}{16}$	11	1.35
2824	.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$11\frac{1}{2}$	1.45
2825	$\frac{7}{16}$	.....	.....	$\frac{25}{32}$	12	1.55
2826	.....	$\frac{9}{16}$	.....	$\frac{13}{16}$	12	1.55
2828	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{7}{8}$	$12\frac{3}{4}$	1.70
2830	.....	.....	$\frac{5}{8}$	$\frac{15}{16}$	$13\frac{1}{2}$	1.85

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome - Vanadium Box Wrench Sets

BOX Wrench Set No. 31

The No. 31 Set is an assortment of 6 long, Double-end Box Wrenches (one end offset). These Wrenches have the same openings in both ends, ranging from $\frac{1}{16}$ inch to $\frac{3}{4}$ inch inclusive. Nos. 2814, 2816, 2818, 2820, 2822, and 2824.

Prices Dealers' Net

In Cardboard Box.....\$7.50
In Leatherette Roll..... 8.00

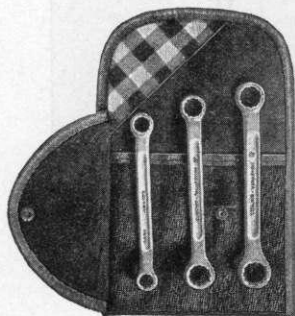


BOX Wrench Set No. 29

The Bonney Box Wrench Set No. 29 contains 3 short Double-end Box Wrenches (both ends offset), 1 each of Nos. 2804, 2805, 2806.

Prices Dealers' Net

In Cardboard Box....\$3.10
In Leatherette Roll.. 3.40

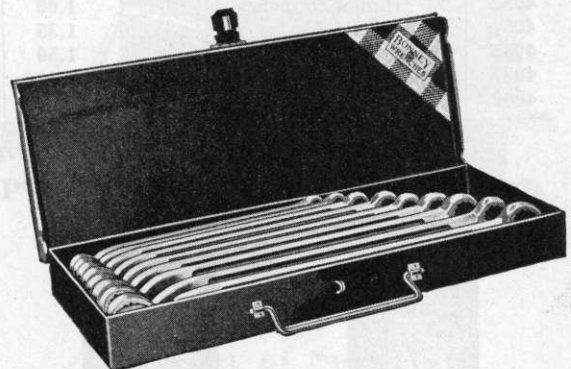


BOX Wrench Set No. 33

No. 33 Bonney Box Wrench Set contains 9 long, Double-end Box Wrenches (one end offset). These Wrenches have the same openings in both ends ranging from $\frac{1}{16}$ inch to $\frac{15}{16}$ inch inclusive. Nos. 2814, 2816, 2818, 2820, 2822, 2824, 2826, 2828 and 2830.

Prices Dealers' Net

In Cardboard Box.....\$12.60
In Metal Box..... 13.95

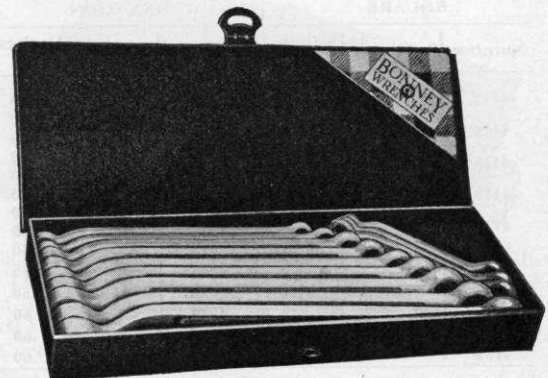


BOX Wrench Set No. 34

The No. 34 Bonney Box Wrench Set is an assortment of 12 Double-end 'CV' Chrome-Vanadium Box Wrenches, 9 of the long type with one end offset, and 3 of the short type with both ends offset. The Wrenches in this set are Nos. 2814, 2816, 2818, 2820, 2822, 2824, 2826, 2828 and 2830; also Nos. 2804, 2805 and 2806.

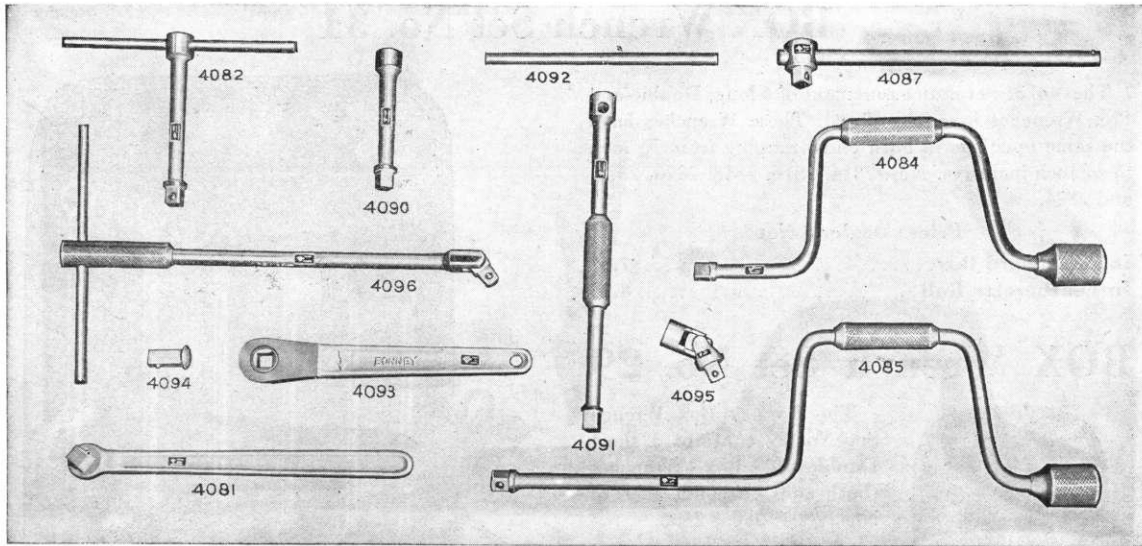
Prices Dealers' Net

In Cardboard Box.....\$15.70
In Metal Box..... 17.05



Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Standard Socket Series



HANDLES and ATTACHMENTS 1/2 inch Square Drive

Number	Description	Dealers' Net	Number	Description	Dealers' Net
4081	Offset Handle.	\$1.20	4091	Extension, 10 inches.	\$1.20
4082	"T" Handle, 6 inches.	1.00	4092	Cross Handle for 10" Extension . . . . .	.30
4084	Brace, 13 inches	1.35	4093	Ratchet Handle with Lug.	2.70
4085	Speeder, 20 inches.	1.50	4094	Extra Lug for Ratchet. . . . .	.40
4087	Sliding "T" Handle.	1.10	4095	Universal Joint.	1.50
4090	Extension, 5 inches. . . . .	.60	4096	Hinge Handle 15" long.	2.25
			4096A	Hinge Handle 10" long.	2.10

'CV' Chrome-Vanadium STANDARD SOCKETS 1/2 inch Square Drive



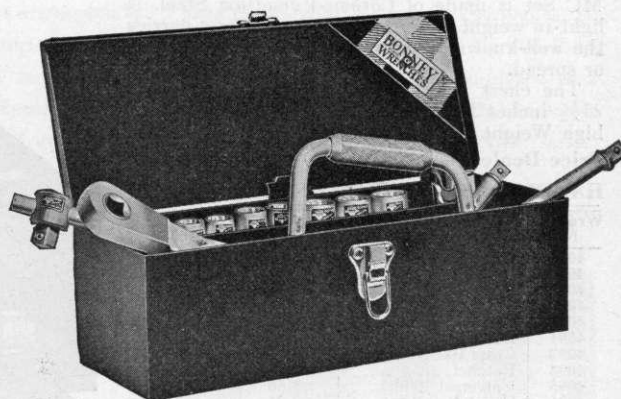
SQUARE			HEXAGON			DOUBLE-HEXAGON			STRAIGHT WALL DOUBLE-HEXAGON		
Number	Openings	Dealers' Net	Number	Openings	Dealers' Net	Number	Openings	Dealers' Net	Number	Openings	Dealers' Net
4112	3/8	\$0.40	4014	7/16	\$0.40	D14	7/16	\$0.40	A14	7/16	\$0.50
4114	7/16	.40	4016	1/2	.40	D16	1/2	.40	A16	1/2	.50
4116	1/2	.45	4018	9/16	.40	D18	9/16	.40	A18	9/16	.50
4118	5/8	.45	4019	19/32	.40	D19	19/32	.40	A19	19/32	.50
4120	3/4	.50	4020	5/8	.40	D20	5/8	.40	A20	5/8	.50
4122	11/16	.50	4021	21/32	.40	D21	21/32	.40	A22	11/16	.50
4124	3/4	.60	4022	11/16	.40	D22	11/16	.40	A24	3/4	.60
4128	7/8	.60	4024	3/4	.50	D24	3/4	.50	A25	25/32	.60
4132	1	.70	4025	25/32	.50	D25	25/32	.50	A26	15/16	.60
			4026	13/16	.50	D26	15/16	.50	A28	7/8	.60
			4028	7/8	.50	D28	7/8	.50	A30	15/16	.70
			4030	15/16	.60	D30	15/16	.60	A31	31/32	.70
			4031	31/32	.60	D31	31/32	.60	A32	1	.70
			4032	1	.60	D32	1	.60			
						D34	1 1/16	.70			
						D36	1 1/8	.75			
						D40	1 1/4	.80			

BONNEY 'CV' Chrome-Vanadium Wrenches

Standard Series Socket Sets

Socket Sets Nos. W, WD and WS

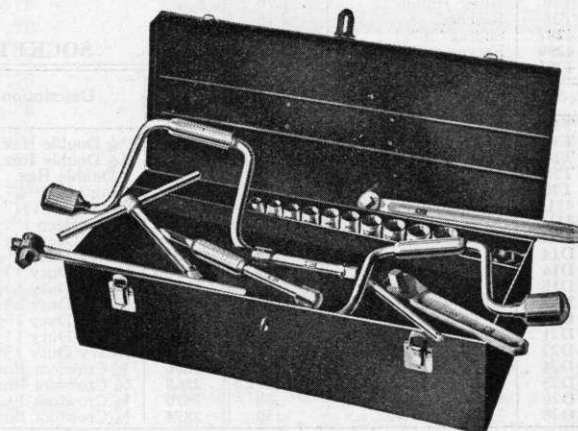
The W, WD and WS Sets contain one each of the following Sockets, Handles, and Attachments; Ratchet, Sliding T, Brace, 5-inch Extension, 10-inch Extension, a Universal Joint, and ten Hexagon or Double-Hexagon Sockets ranging in size from $\frac{1}{16}$ to $\frac{1}{8}$ inches (except $2\frac{1}{32}$ inch). These sets come in substantial brown enameled cases, each equipped with a handle to facilitate carrying. Weight per set, 10 pounds.



Set No.	Prices Dealers' Net
W Hexagon Sockets.....	\$13.60
WD Double-Hexagon Sockets.....	13.60
WS Straight-Wall Double-Hex. Sockets.	14.55

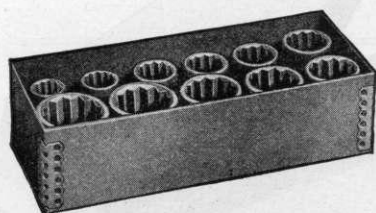
Socket Sets Nos. R, RD and RS

The R, RD and RS Sets contain one each of the following Sockets, Handles and Attachments; Offset Handle, Ratchet, Sliding T, 6 inch T, 12 inch T, Brace, Speeder, 5 inch Extension, 12 inch Extension, a Universal Joint and ten Sockets ranging in size from $\frac{1}{16}$ inch to $\frac{1}{8}$ inch (except $2\frac{1}{32}$ inch). These Sets come packed in substantial metal cases. Each set weigh 17 pounds.



Set No.	Prices Dealers' Net
R Hexagon Sockets.....	\$17.70
RD Double-Hexagon Sockets.....	17.70
RS Straight-Wall Double-Hex. Sockets.	18.60

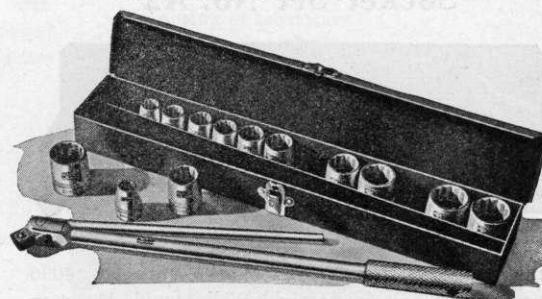
G Set of Sockets



The G set of Bonney 'CV' Chrome-Vanadium Sockets is composed of one each of the standard socket series Nos. D14, D16, D18, D19, D20, D22, D24, D25, D26, D28, D30.

In Cardboard Box..... \$4.50

D2 Set of Sockets



The Bonney D2 Set contains one No. 4096 Hinge Handle and 13 Double-Hexagon sockets having openings ranging from $\frac{1}{16}$ inch to 1 inch (except $3\frac{1}{32}$ inch). Nos. D14 to D32 (except D31). All made of Chrome-Vanadium Steel.

In Cardboard Box..... \$7.45
In Metal Box..... 8.45

Bonney Forge and Tool Works..Allentown, Pa.

Bonney MC Bench Set

Here is the Bonney 'MC' Bench Set, a 72 piece set for all-around work in the garage. Mechanics everywhere consider it an all purpose set that is difficult to beat. Every Wrench in the Bonney MC Set is made of *Chrome-Vanadium Steel*, is light in weight, is strong and sturdy, and carries the well-known Bonney Guarantee not to break or spread.

The chest in which the Bench Set comes is 23½ inches long, 12 inches wide and 9 inches high. Weight of chest and set complete is 62 lbs.

Price Dealers' Net\$63.70

HANDLES and ATTACHMENTS

Wrench No.	Description	Dealers' Net
4081	Offset.....	\$1.20
4084	Brace 13".....	1.35
4085	Speeder 20".....	1.50
4087	Sliding "T".....	1.10
4090	Extension 5".....	.60
4091	Extension 10".....	1.20
4092	Cross Handle.....	.30
4093	Ratchet.....	2.70
4095	Universal Joint.....	1.50
4096	Hinge Handle.....	2.25
T2	Offset.....	.85
T3	Universal Joint.....	1.35
T4	Extension 6".....	.60
T5	"T" Handle 12".....	.85
T9	Speeder.....	1.15
T30	Hinge Handle.....	1.70
T28	Ratchet.....	2.15
4287	Sliding "T".....	2.15
4290	Extension 8½".....	1.20
4291	Extension 17".....	1.60



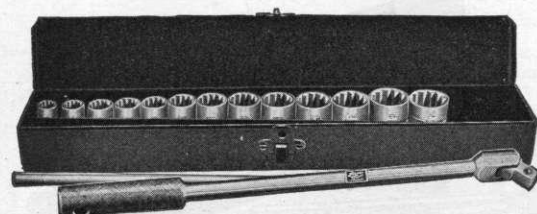
SOCKETS

WRENCHES

Wrench No.	Description	Dealers' Net
T12	3/8 Double Hex.....	.40
T14	7/16 Double Hex.....	.40
T16	1/2 Double Hex.....	.40
T18	5/8 Double Hex.....	.40
T20	3/4 Double Hex.....	.40
4114	1 Square.....	.40
4116	1 1/2 Square.....	.45
4118	2 Square.....	.45
D14	1/2 Double Hex.....	.40
D16	3/4 Double Hex.....	.40
D18	5/8 Double Hex.....	.40
D19	3/2 Double Hex.....	.40
D20	1 Double Hex.....	.40
D21	1 1/2 Double Hex.....	.40
D22	2 Double Hex.....	.40
D24	3/4 Double Hex.....	.50
D25	1 Double Hex.....	.50
D26	1 1/2 Double Hex.....	.50
D28	2 Double Hex.....	.50

Wrench No.	Description	Dealers' Net	Wrench No.	Description	Dealers' Net
D30	15/16 Double Hex.....	\$0.60	H10	3/16 x 7/32 Eng.....	\$0.30
D31	1 1/16 Double Hex.....	.60	H12	1/4 x 1/2 Eng.....	.30
D32	1 Double Hex.....	.60	H14	5/16 x 11/32 Eng.....	.35
4001	Drag Link 15/16".....	.60	H16	3/8 x 7/16 Eng.....	.35
4002	Drag Link 1 1/4".....	.80	H18	13/32 x 15/16 Eng.....	.35
LD32	Extra Deep 1".....	.85	1725B	3/2 x 1/16 Eng.....	.45
LD36	Extra Deep 1 1/8".....	.95	1727	3/16 x 3/8 Eng.....	.55
HD34	Heavy Duty 1 1/16".....	.85	1729	3/8 x 3/4 Eng.....	.70
HD36	Heavy Duty 1 1/8".....	.95	1731A	3/4 x 1/2 Eng.....	.95
HD40	Heavy Duty 1 1/4".....	1.00	1033C	15/16 x 1 Eng.....	1.30
HD44	Heavy Duty 1 3/8".....	1.15	2725B	3/2 x 9/16 R. Angle.....	.45
HD46	Heavy Duty 1 7/8".....	1.30	2727	3/16 x 7/8 R. Angle.....	.55
HD48	Heavy Duty 1 1/2".....	1.30	2804	3/8 x 7/16 D. H. Box.....	.95
HD52	Heavy Duty 1 5/8".....	1.50	2805	1/2 x 9/16 D. H. Box.....	1.00
2866	1/2 Crowfoot Box.....	.50	2807	3/4 x 3/8 D. H. Box.....	1.40
2868	3/4 Crowfoot Box.....	.60	2809	1/2 x 15/16 D. H. Box.....	1.80
2870	5/8 Crowfoot Box.....	.65			
2874	3/4 Crowfoot Box.....	.80			

Socket Set No. A2



Bonney Socket Set No. A2 contains one No. 4096 Hinge-Handle and 13 Straight-Wall Double-Hexagon sockets ranging in size from 7/16 inch to 1 inch. Nos. A14 to A32.

Prices Dealers' Net

In Cardboard Box.....	\$8.80
In Metal Box.....	\$9.80

A1 Set of Sockets



The A1 Set of Sockets contains 13 Straight-Wall Double-Hexagon sockets, ranging in size from 7/16 inch to 1 inch. Nos. A14 to A32.

In Cardboard Box...\$6.75

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome-Vanadium Extra Deep Sockets



Bonney Extra Deep Sockets of the LD Series are becoming decidedly popular with mechanics. They find many applications in automotive work, but are especially suitable for removing and replacing spark plugs. Their overall length, $3\frac{1}{4}$ inches, and the exceptional depth of their openings give them an added advantage

over ordinary sockets of a similar type. All are designed with $\frac{1}{2}$ inch square drive, and their Double-Hexagon openings range from $\frac{1}{2}$ inch to $1\frac{1}{8}$ inches. In addition, they are made of *Chrome-Vanadium Steel*, and are Chrome-plated to a high permanent lustre. The table below shows the various sizes in the "LD" series.

LD Extra Deep Sockets

Number	Openings	Length	Diameter	Dealers' Net
LD16	$\frac{1}{2}$	$3\frac{1}{4}$	$\frac{3}{4}$	\$0.65
LD18	$\frac{9}{16}$	$3\frac{1}{4}$	$\frac{13}{16}$	.65
LD20	$\frac{5}{8}$	$3\frac{1}{4}$	$\frac{7}{8}$	.70
LD22	$\frac{11}{16}$	$3\frac{1}{4}$	$\frac{15}{16}$	.70
LD24	$\frac{3}{4}$	$3\frac{1}{4}$	$1\frac{1}{32}$	.70
LD25	$\frac{25}{32}$	$3\frac{1}{4}$	$1\frac{1}{16}$	.70
LD26T	$\frac{13}{16}$	$3\frac{1}{4}$	$1\frac{1}{16}$	.70
LD28	$\frac{7}{8}$	$3\frac{1}{4}$	$1\frac{3}{16}$	.70
LD28T	$\frac{7}{8}$	$3\frac{1}{4}$	$1\frac{3}{32}$	.70
LD30	$\frac{15}{16}$	$3\frac{1}{4}$	$1\frac{1}{4}$	.80
LD32	1	$3\frac{1}{4}$	$1\frac{3}{8}$	.85
LD32T	1	$3\frac{1}{4}$	$1\frac{9}{32}$	.85
LD36	$1\frac{1}{8}$	$3\frac{1}{4}$	$1\frac{1}{2}$	.95

No. LD Spark Plug Set



The Bonney LD Spark Plug Set contains four 'CV' *Chrome-Vanadium* Extra-Deep Sockets; Nos. LD28, LD30, LD32 and LD36. The LD set may be used with any handle having a $\frac{1}{2}$ inch square drive.

In Cardboard Box.....\$3.30

'CV' Chrome-Vanadium Drain Plug Squares

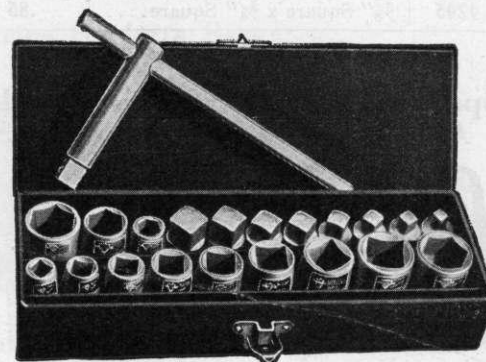


Bonney Drain Plug Squares of the P Series consist of eight numbers, their sizes ranging from a $\frac{5}{16}$ inch square to the $\frac{3}{4}$ inch square. They may be used with any handle or attachment equipped with a $\frac{1}{2}$ inch square drive. They are designed for use on Drain Plugs with square female openings.

No. K Drain Plug Set consists of 8 Drain Plug Squares, 12 Sockets, and a "T" handle with a $\frac{1}{2}$ inch square drive. The K Set will remove Drain Plugs on the crank case, transmission, and differential housing of most cars.

In Metal Box.....\$10.65

Number	Size	Dealers' Net
P10	$\frac{5}{16}$	\$0.40
P12	$\frac{3}{8}$	.40
P14	$\frac{7}{16}$	.40
P16	$\frac{1}{2}$	.45
P18	$\frac{9}{16}$	.45
P20	$\frac{5}{8}$	.45
P22	$\frac{11}{16}$	.50
P24	$\frac{3}{4}$	.50



Bonney Forge and Tool Works..Allentown, Pa.

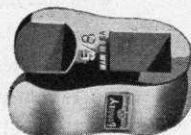
'CV' Chrome-Vanadium Special Sockets

Crowfoot Attachments

1/2 inch
Drive



1/2 inch
Drive



Bonney 'CV' Chrome-Vanadium Crowfoot attachments are useful for making adjustments in hard-to-get-at places. They are all equipped with standard 1/2 inch drive.

Bonney Special Crowfoot open-end attachments are very useful for making difficult adjustments. They are made of Chrome-Vanadium Steel and are buffed to a high permanent finish. Designed to be used with handles having 1/2 inch standard drive.

Wrench No.	Openings	Dealers' Net
2866	1/2" Double-Hexagon.....	\$0.50
2868	9/16" Double-Hexagon.....	.60
2870	5/8" Double-Hexagon.....	.65
2872	11/16" Double-Hexagon.....	.70
2874	3/4" Double-Hexagon.....	.80

Wrench No.	Openings	Dealers' Net
6603	5/8 inch Open-end	\$0.65
6603A	9/16 inch Open-end	0.65

Adaptors



This series of adaptors is designed for use with Ratchet Handles. Made of Chrome-Vanadium Steel and Chrome-plated.



This series of Bonney 'CV' Chrome-Vanadium Steel adaptors is designed with square female openings. All have square male drive. They are Chrome-plated.

Wrench No.	Openings	Dealers' Net
4201	1/2" Square x 5/8" Square....	\$0.80
4202	1/2" Square x 3/4" Square....	.85
4203	3/4" Square x 1/2" Square....	.90
4205	5/8" Square x 3/4" Square....	.85

Wrench No.	Openings	Dealers' Net
4296	5/8" Sq. Female x 3/4" Sq. Male	\$0.80
4297	3/4" Sq. Female x 5/8" Sq. Male	.80
4298	1/2" Sq. Female x 3/4" Sq. Male	.80
4299	3/4" Sq. Female x 1/2" Sq. Male	.80
4204	3/4" Sq. Female x 7/8" Sq. Male	.80

Special Alemite Socket



No. 4003 Special Alemite Socket, 1/2 inch square drive.

Dealers Net \$0.55

Drag Link Sockets



1/2 inch square drive
No. 4001 Width of blade 1 5/16 inch.

Dealers Net \$0.60

No. 4002 Width of blade 1 1/4 inches.
Dealers Net \$0.80

Special Brake Socket



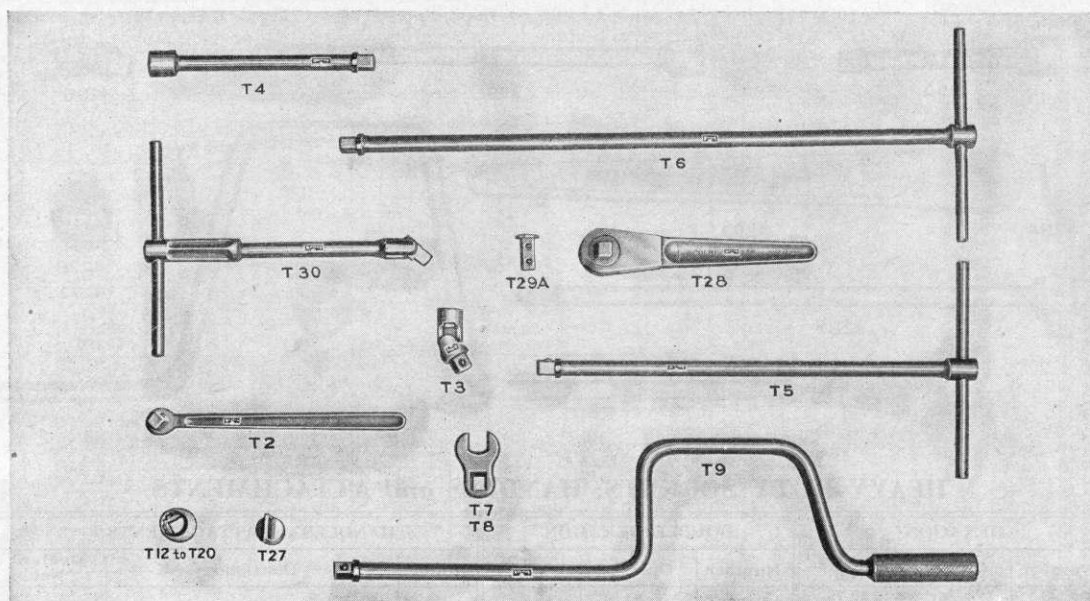
No. 4004 Special Chevrolet Brake Socket, 1/2 inch square drive.

Dealers Net \$0.55

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome-Vanadium Small Socket Series

$\frac{3}{8}$ inch Square Drive



HANDLES and ATTACHMENTS

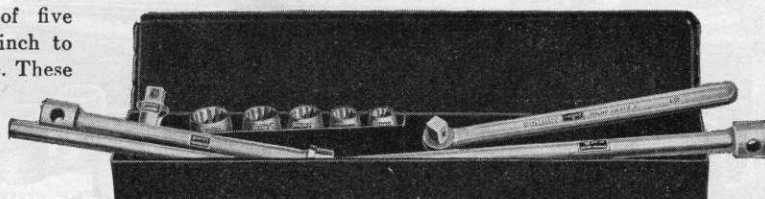
No.	Dimensions	Dealers' Net	No.	Dimensions	Dealers' Net
T2	Offset Handle.....	\$.85	T8	Crowfoot Attachment, $\frac{9}{16}$ " Opening	\$0.70
T3	Universal Joint.....	1.35	T9	Speeder.....	1.15
T4	Extension, 6".....	.60	T27	Drag Link Socket.....	.45
T5	"T" Handle, 12".....	.85	T28	Ratchet Handle, with Lug.....	2.15
T6	"T" Handle, 17".....	1.20	T29A	Extra Lug for Ratchet.....	.30
T7	Crowfoot Attachment, $\frac{1}{2}$ " Opening	.65	T30	Hinge Handle.....	1.70

'T' SERIES SOCKETS

No.	Dimensions	Dealers' Net	No.	Dimensions	Dealers' Net
T10	Socket, $\frac{5}{16}$ " Double-Hexagon....	\$0.40	T18	Socket, $\frac{9}{16}$ " Double-Hexagon....	\$0.40
T12	Socket, $\frac{3}{8}$ " Double-Hexagon....	.40	T20	Socket, $\frac{5}{8}$ " Double-Hexagon....	.40
T14	Socket, $\frac{7}{16}$ " Double-Hexagon....	.40	T22	Socket, $\frac{11}{16}$ " Double-Hexagon....	.45
T16	Socket, $\frac{1}{2}$ " Double-Hexagon....	.40	T24	Socket, $\frac{3}{4}$ " Double-Hexagon....	.45

TD and TD1 Small Series Sockets Sets

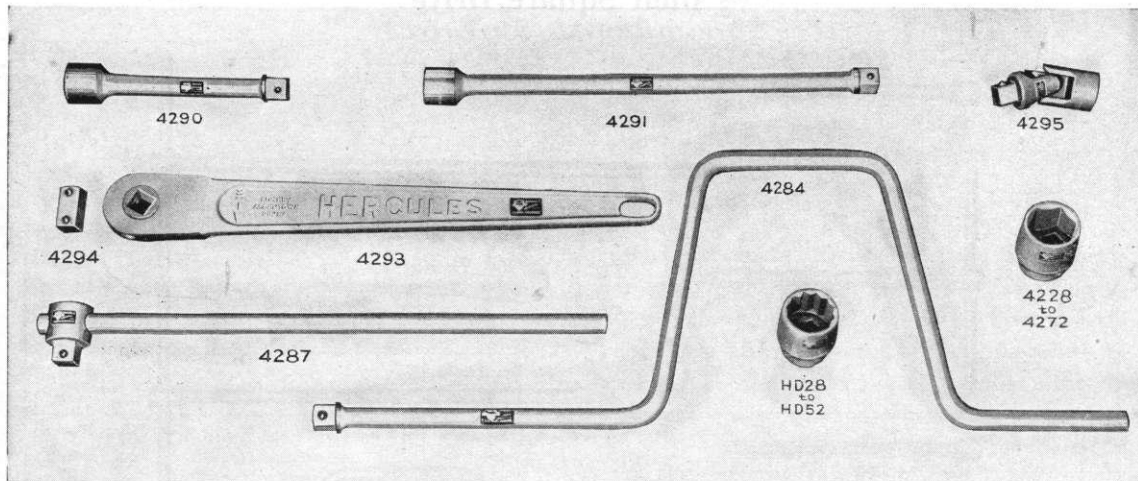
The TD and the TD1 Small Series Socket Sets contain one each of five Sockets ranging in size from $\frac{3}{8}$ inch to $\frac{5}{8}$ inch. Nos. T12 to T20 inclusive. These sets also contain a T2 and a T5 Handle. In addition, the TD1 Set contains a T28 Ratchet Handle with lug. All have $\frac{3}{8}$ inch drive. They come packed in attractive Metal Boxes.



TD Set in Metal Box.....	\$5.60
TD1 Set in Metal Box.....	7.55

Bonney Forge and Tool Works..Allentown, Pa.

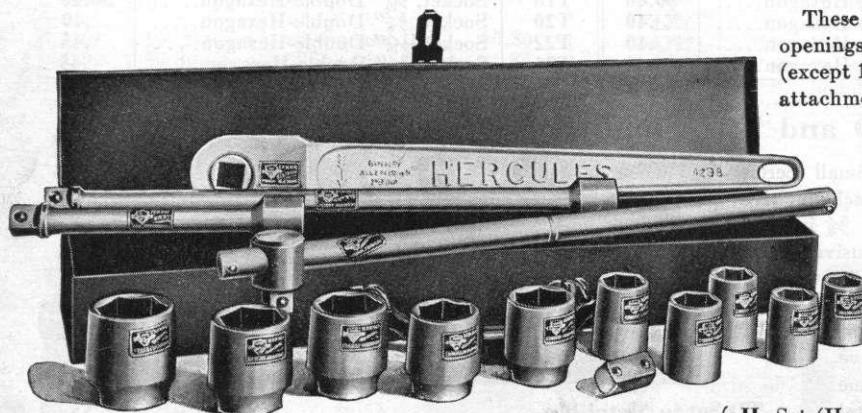
'CV' Chrome-Vanadium Heavy-Duty Socket Series 3/4 inch Square Drive



HEAVY-DUTY SOCKETS, HANDLES and ATTACHMENTS

HEXAGON			DOUBLE-HEXAGON			HANDLES and ATTACHMENTS		
Number	Opening	Dealers' Net	Number	Opening	Dealers' Net	Number	Description	Dealers' Net
4228	3/8	\$0.70	HD28	3/8	\$0.70	4284	Brace.....	\$ 3.75
4230	13/16	.75	HD30	13/16	.75	4287	Sliding "T" Hdle. 20" Long....	2.15
4231	1 1/16	.85	HD31	1 1/16	.85	4290	Extension 8 1/2" Long.....	1.20
4232	1 1/8	.85	HD32	1 1/8	.85	4291	Extension 17" Long.....	1.60
4234	1 1/4	.85	HD34	1 1/4	.85	4293	Ratchet Hdle. 20" Long, with Lug	6.65
4236	1 3/8	.95	HD36	1 3/8	.95	4294	Extra Lug for Ratchet.....	.75
4238	1 1/2	1.00	HD38	1 1/2	1.00	4295	Universal Joint.....	4.55
4240	1 5/8	1.00	HD40	1 5/8	1.00			
4242	1 3/4	1.15	HD42	1 3/4	1.15			
4244	1 7/8	1.15	HD44	1 7/8	1.15			
4246	1 15/16	1.30	HD46	1 15/16	1.30			
4248	1 1/2	1.30	HD48	1 1/2	1.30			
4252	1 5/8	1.50	HD50	1 5/8	1.50			
4254	1 11/16	1.85	HD52	1 5/8	1.50			
4256	1 3/4	1.85						
4258	1 15/16	2.25						
4260	1 7/8	2.45						
4264	2	2.70						
4266	2 1/16	2.70						
4268	2 1/8	3.35						
4270	2 3/16	3.35						
4272	2 1/4	3.35						

Hercules HEAVY-DUTY Socket Sets Nos. H and HD



These sets contain ten sockets having openings ranging from 13/16 to 1 5/8 inches (except 1 1/16", 1 1/8", and 1 1/4"), also four attachments, Nos. 4287, 4290, 4291 and 4293. They are specially designed for extremely hard service, and as the name "Hercules" implies, are so proportioned that although light in weight, they have a very large reserve strength factor.

Prices Dealers' Net

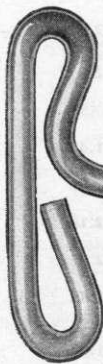
Complete in Metal Box { H Set (Hexagon Sockets)\$21.60
HD Set (Double Hex. Sockets) 21.60

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome-Vanadium Socket Wrenches

Bonney 'CV' Solid Socket Wrenches are forged from *Chrome-Vanadium* Steel. The Wrenches are made in one piece and the Sockets are designed so as to provide a reasonable depth, while the outside diameter of the socket is held down as far as practical to permit of the greatest possible clearance in operation. In addition they carry the well known Bonney guarantee not to break or spread.

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Openings	Length	Handle Offset	Dealers' Net
2101		$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	8	2	\$0.85
2102	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{2}$	8	2	
2103		$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	8	2	
2104	$\frac{5}{16}$			$\frac{19}{32}$	10	2	
2105		$\frac{7}{16}$	$\frac{7}{16}$	$\frac{9}{8}$	10	2	
2106	$\frac{3}{8}$			$\frac{11}{16}$	10	2	
2107		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	10	2	
2108	$\frac{7}{16}$			$\frac{25}{32}$	10	$2\frac{1}{4}$	1.00
2109		$\frac{9}{16}$		$\frac{13}{16}$	10	$2\frac{1}{4}$	
2110	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{7}{8}$	10	$2\frac{1}{4}$	
2270S			$\frac{5}{8}$	$\frac{15}{16}$	$9\frac{1}{8}$	$2\frac{3}{16}$	1.95
2270A	$\frac{9}{16}$			$\frac{31}{32}$	$9\frac{1}{8}$	$2\frac{3}{16}$	
2270D		$\frac{3}{4}$	$\frac{11}{16}$	1	$9\frac{1}{8}$	$2\frac{3}{16}$	
2271A	$\frac{5}{8}$		$\frac{3}{4}$	$1\frac{1}{16}$	10	$2\frac{3}{8}$	2.25
2271D		$\frac{7}{8}$		$1\frac{1}{8}$	10	$2\frac{3}{8}$	
2273A	$\frac{3}{4}$	1	$\frac{3}{8}$	$1\frac{1}{4}$	$11\frac{3}{8}$	$2\frac{3}{4}$	3.00
2274D		$1\frac{1}{8}$		$1\frac{3}{8}$	$12\frac{3}{8}$	$2\frac{3}{8}$	3.55
2275A	$\frac{7}{8}$		1	$1\frac{7}{16}$	$13\frac{1}{4}$	$3\frac{1}{8}$	3.75
2275D		$1\frac{1}{4}$		$1\frac{1}{2}$	$13\frac{1}{4}$	$3\frac{1}{8}$	
2276A	1	$1\frac{3}{8}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$14\frac{3}{8}$	$3\frac{1}{2}$	4.35
2277A	$1\frac{1}{8}$		$1\frac{1}{4}$	$1\frac{13}{16}$	$16\frac{1}{8}$	$3\frac{3}{8}$	4.90



'T' TYPE

'T' TYPE

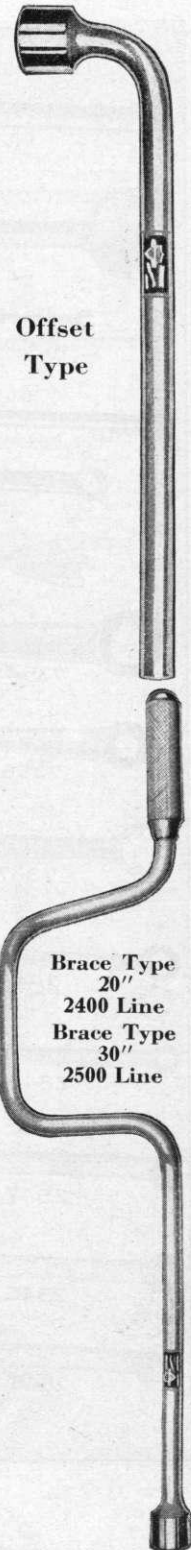
Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Openings	Extreme Length	Dealers' Net
2201		$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	12	\$0.95
2202	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{2}$	12	
2203		$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	12	
2204	$\frac{5}{16}$			$\frac{19}{32}$	12	
2205		$\frac{7}{16}$	$\frac{7}{16}$	$\frac{9}{8}$	12	
2206	$\frac{3}{8}$			$\frac{11}{16}$	12	
2207		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	12	
2208	$\frac{7}{16}$			$\frac{25}{32}$	12	1.20
2209		$\frac{9}{16}$		$\frac{13}{16}$	12	
2210	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{7}{8}$	12	

BRACE TYPE 20 inches - 2400 SERIES

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Openings	Length	Length of Shank	Dealers' Net
2401		$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	20	10	\$1.40
2402	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{2}$	20	10	
2403		$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	20	10	
2404	$\frac{5}{16}$			$\frac{19}{32}$	20	10	
2405		$\frac{7}{16}$	$\frac{7}{16}$	$\frac{9}{8}$	20	10	
2406	$\frac{3}{8}$			$\frac{11}{16}$	20	10	
2407		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	20	10	
2408	$\frac{7}{16}$			$\frac{25}{32}$	20	10	1.60
2409		$\frac{9}{16}$		$\frac{13}{16}$	20	10	
2410	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{7}{8}$	20	10	

BRACE TYPE 30 inches - 2500 SERIES

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Openings	Length	Length of Shank	Dealers' Net
2503		$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	30	20	\$1.75
2505		$\frac{7}{16}$	$\frac{7}{16}$	$\frac{5}{8}$	30	20	

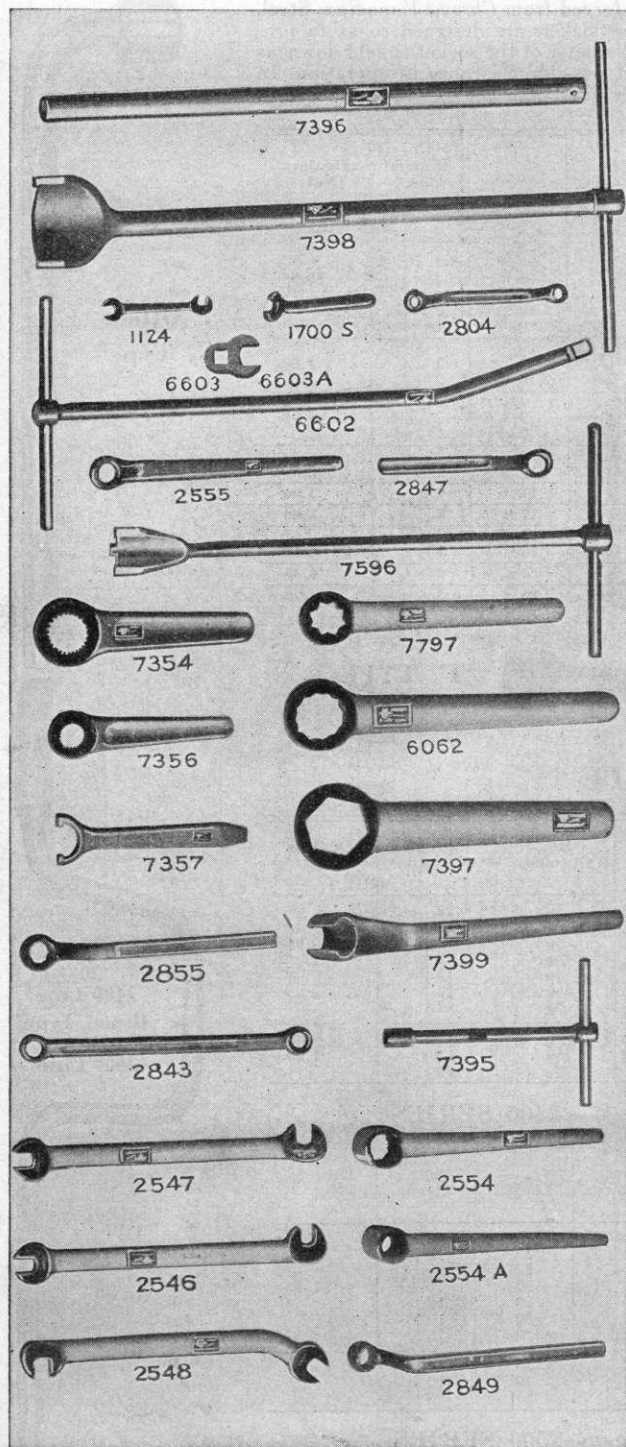


Offset Type

Brace Type
20"
2400 Line
Brace Type
30"
2500 Line

Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Aircraft Wrenches



WRIGHT MOTORS

Wrench Number	Dealers' Net
7396 18" x 3/8" Bar, for propeller hub nut on J6 and R975 motors.....	\$1.50
7398 T Handle Spanner Wrench for intake manifold packing nut on R1750 motors.....	3.75
1124 Open-end Wrench, 3/8" opening, heads at 80° and 15°, for rocker box clamp nut, for J5, J6, R1750 motors.....	.55
1700S Single-end Wrench, 1/2" opening for carburetor nut on R1750 motor.....	.45
2804 Short Double Hex. Box Wrench, 3/8" x 1/16" openings for valve adjusting screw-lock-screw.....	.95
6602 T Handle for use with crowfoot attachments Nos. 6603 and 6603A.....	1.50
6603 Open-end Crowfoot attachment with 3/8" opening. For cylinder stud nut on Wright Cyclone motors.....	.65
6603A Open-end Crowfoot attachment with 1/2" opening for cylinder stud nut on Wright J6 motors.....	.65
2555 Single Head, 1 1/8" Offset, 12-point Box Wrench, 1 1/8" opening for B. G. Hornet Spark Plugs on J5 and R975 motors.....	1.35
7596 T Handle Spanner Wrench, 17" long, for valve tappet retainer on J6, R540, R760, R975 motors.....	2.80
7354 For Magneto Gear on J5 and R1750 motors.....	2.95
7356 For Magneto Gear on J6 motors.....	2.65
7357 Spanner Wrench for valve tappet retainer on J5, J6, R975, and R1750 motors.....	.95
2855 Double Hex. Box Wrench, 1 1/8" opening for pressure relief valve body, J6 motor.....	1.45
7797 8-point Box Wrench, 1" opening, for carburetors on J5 and R1750 motors.....	2.05
6062 Double Hex. Box Wrench, 1 1/2" opening, for cam drive gear shaft lock nut, R1750 motor.....	2.15
7397 Thin Hex. Box Wrench, 2" opening for impeller retainer nut on R1750 motors.....	2.25
7399 12-point Offset Wrench, 1" opening, for spark plugs on J6 motors.....	1.85
7395 T Handle, 12-point Socket 7" long, 3/16" opening, for rocker box clamp nut on J5 and R1750 motors.....	1.70

MISCELLANEOUS WRENCHES for AIRCRAFT MOTORS

Wrench Number	Dealers' Net
2847 Short, Single Head Offset Box Wrench, 5 1/2" long, 3/8" opening.....	\$1.20
2843 Double Head, 12-point Box Wrench, no offset, 3/16" opening for Fairchild-Caminez motors.....	1.30
2546 Open-end Wrench, 10 1/2" long, one head straight, one head at right-angle, 3/16" opening both ends, and offset at one end for Hispano-Suiza motor block.....	1.85
2547 Open-end Wrench, 10 1/2" long, one head straight, one head at right-angles, 3/16" opening both ends, and offset at one end for Hispano-Suiza motor block.....	1.85
2548 Open-end Wrench, 10 1/2" long, one head straight, one head at right-angles, 3/16" opening both ends, handle bent at 35° for Hispano-Suiza motor block.....	1.85
2554 Single Head, 12-point Box Wrench, 1" opening, for AC Metric spark plugs.....	1.50
2554A Single Head, 12-point Box Wrench, 3/4" opening, for new type AC Metric spark plugs.....	1.50
2849 Single Head, 1 1/4" Offset, 12-point Box Wrench, 1 1/4" opening for B. G. Hornet spark plugs.....	1.45

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome-Vanadium Aircraft Wrenches

PRATT and WHITNEY MOTORS

Wrench Number	Dealers' Net
6886 Offset Socket Wrench with an $1\frac{1}{8}$ " double-hex. opening. Designed to remove and replace B. G. spark plugs on Pratt and Whitney motors.....	\$0.95

6947 Spanner Wrench for $2\frac{3}{4}$ ", 12 thread packing nut on Pratt and Whitney motors.....\$0.90

T-6 and T-16 Combination Double-Hex. Socket, with one $\frac{1}{2}$ " opening and T handle 18 inches long. For oil sump nut and intake stud nut on Pratt and Whitney motors.....\$1.60

CURTISS MOTORS

Wrench Number	Dealers' Net
T-6 and T-7 Crowsfoot Open-end T Handle Wrench, $\frac{1}{2}$ " opening, 18" long, for nuts at bottom of cylinder hold down rods. OX5 motors.....	\$1.85

7252 T Handle Socket, 18" long, $\frac{1}{8}$ " hex. opening for cylinder base nuts..... 1.50

7253 T Handle Socket, 18" long, $\frac{1}{2}$ " hex. opening for cylinder base nuts..... 1.50

7254 T Handle Socket, 18" long, $\frac{3}{8}$ " hex. opening for cylinder base nuts..... 1.50

7599 T Handle Socket, 12" long, $\frac{5}{16}$ " hex. opening for wrist pin set screw OX5 motors..... .95

7945 Spanner for Front Thrust Bearing on OX5 motors..... 1.50

2558 Double-end Spanner Wrench for inside water pump packing nut. OX5 motors..... 1.50

2545 Single-end Spanner Wrench for outside water pump packing nut. OX5 motors..... 0.60

WARNER-SCARAB MOTORS

Wrench Number	Dealers' Net
7750 Sliding T Handle, 12" long, with 2 detachable sockets, $\frac{1}{8}$ " x $\frac{1}{2}$ " double hex. openings.....	\$1.85

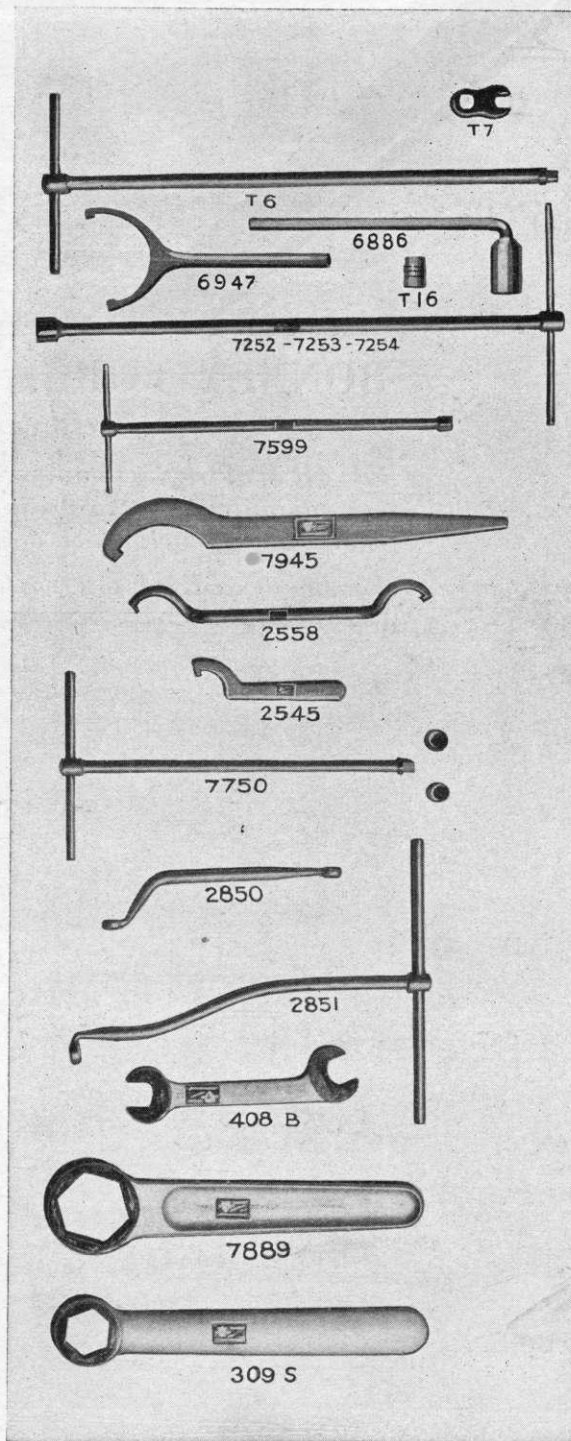
2850 Double-Hex. Offset Box Wrench, $\frac{1}{2}$ " openings 1.20

2851 Double-Hex., Crowfoot, Box Wrench, $\frac{1}{2}$ " opening, 12" long, with sliding T handle, for cylinder base nuts 1.85

408B Thin Double-end Wrench, $1\frac{1}{8}$ " x 1" openings, one head straight and one at $22\frac{1}{2}^\circ$80

7889 Hex. Box Wrench, $2\frac{1}{4}$ " openings, for propeller hub nut on Warner-Scarab or Wright J5 motors 1.90

309S Hex. Box Wrench, $1\frac{1}{2}$ " opening for propeller hub nut on Warner-Scarab or for Wright J5 propeller hub-inner nut 1.20





BONNEY FORGE *and* TOOL WORKS

Main Office ... Allentown, Pa.

GUARANTEES—Bonney 'CV' Chrome - Vanadium Wrenches are guaranteed not to break or spread. We will replace free of charge any wrench which does not stand up to this guarantee.

For Bonney ZENEL Wrenches we say write your own guarantee.
